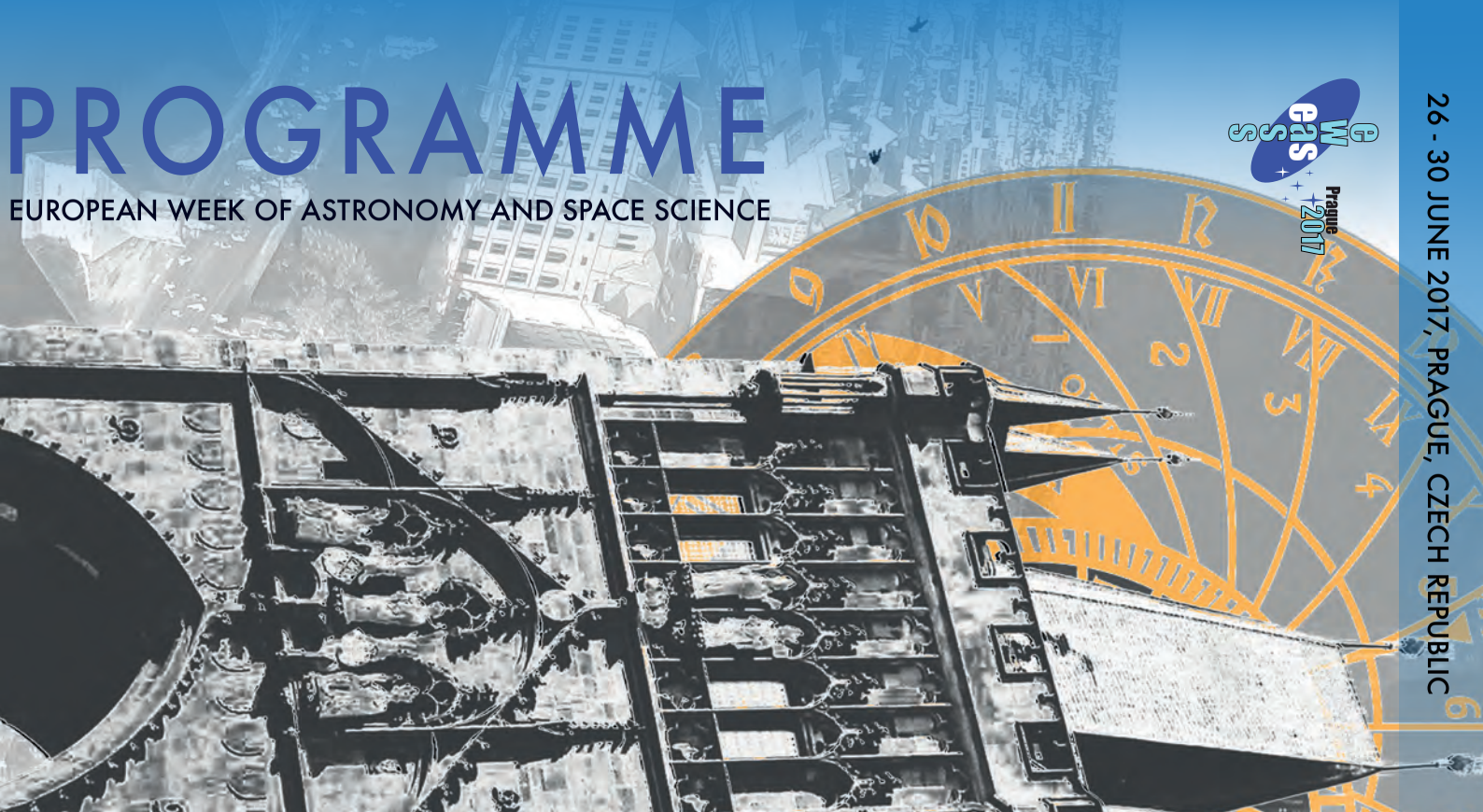
PROGRAMME

EUROPEAN WEEK OF ASTRONOMY AND SPACE SCIENCE

EWASS Prague 2017

26 - 30 JUNE 2017, PRAGUE, CZECH REPUBLIC



Welcome to Prague

Welcome to the European Week of Astronomy and Space Science 2017 (EWASS, formerly ERAM or JENAM) in Prague, Czech Republic, which already hosted ERAM 1987, JENAM 1998 and JENAM 2006, the latter as part of the IAU General Assembly. With more than 30 years of tradition, it has imposed itself as the largest conference for European astronomy. In addition to plenary sessions and the award of prestigious prizes, the conference hosts 16 symposia held in 11 parallel sessions, as well as 22 special sessions.

The EAS together with one of its affiliated societies organises the annual EWASS conference to enhance its links with national communities, to broaden connections between individual members and to promote European networks.

This year's conference in Prague is expected to welcome around 1200 astrophysicists from all over Europe and even beyond.

Table of contents

Committees

EWASS 2017 is organised by the European Astronomical Society (EAS), in collaboration with the Czech Astronomical Society (CzAS) and Astronomical Institute CAS.

EAS ORGANISERS

Thierry Courvoisier (Univ. of Geneva, CH), President
Johan Knapen (IAC, ES), Treasurer
Lex Kaper (Univ. of Amsterdam, NL), Councillor
Martine Logossou (Univ. of Geneva, CH), Financial & Administrative Officer
Marc Türler (Univ. of Geneva, CH), Webmaster

EWASS HOSTING COMMITTEE

Cyril Ron (Astronomical Institute, Czech Academy of Sciences, AI CAS) - chair
Jan Palouš (AI CAS) - co-chair
Jan Vondrák (AI CAS) - co-chair
Míla Cukrová (AI CAS) - secretary
Marcel Bělík (CzAS)
Michal Bursa (AI CAS)
Soňa Ehlerová (AI CAS)
Jiří Krtička (Masaryk University)
Petr Sobotka (CzAS, Czech Radio)
Jiří Svoboda (AI CAS)
Marek Wolf (Astronomical institute, Charles Univ. in Prague)

SCIENTIFIC ORGANIZING COMMITTEE

Jan Palouš (AI CAS, Czech Republic) – chair
Françoise Combes (Observatoire de Paris, France) - vice-chair
Vladimir Karas (AI CAS, Czech Republic) - vice-chair
Guido de Marchi (ESA)
Lyndsay Fletcher (Univ. Glasgow, UK)
Gerry Gilmore (Cambridge, UK)
Leslie Hunt (Arcetri, Italy)
Rob Ivison (ESO)
Carol Lonsdale (NRAO, USA)
Lex Kaper (UvA, Netherlands)
Johan Knapen (IAC, Spain)
Nick Kylafis (Greece)
Anatolyi Piskunov (INASAN, Russia)
Agata Rozanska (CAC, Poland)
Maria Rosa Zapatero Osario (CSIC, Spain)
Lidia van Driel (UCL, UK)
Anton Zensus (MPI f. Radioastronomie, Germany)

EWASS 2017 will be held in Prague, Czech Republic at the **Faculty of Law of the Charles University,** which is located 10 minutes of walk from the Old Town Square.

Právnická fakulta Univerzity Karlovy
Náměstí Curieových 901/7
116 40 Praha 1-Staré Město
Czech Republic

How to reach the venue

From Vaclav Havel Airport Prague

Take the bus 119 to metro station Nádraží Veleslavín, then metro A to station Staroměstská and then by bus 17 to bus station Právnická fakulta or walk 5 minutes.

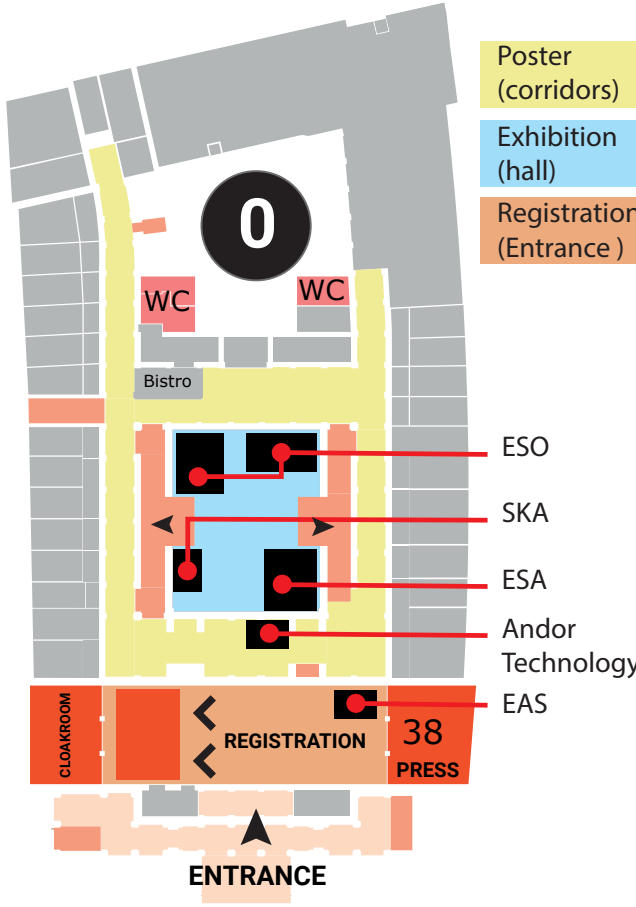
From Prague Main Railway Station

Take the tram 26 to the station Náměstí Republiky and then bus 207 to bus station Právnická fakulta.

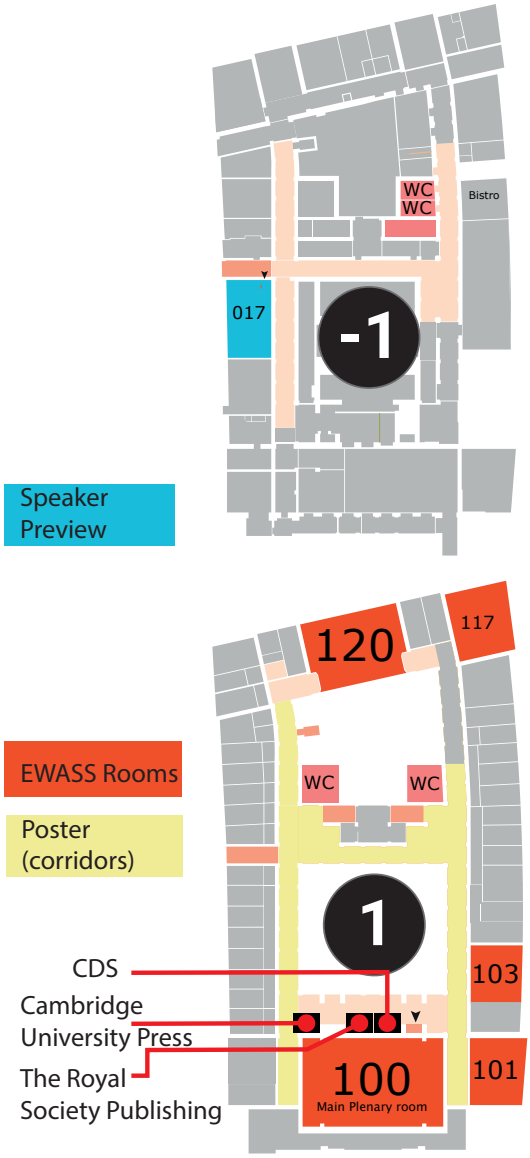
From Prague Main Bus Terminal Florenc

Take the bus 207 to bus station Právnická fakulta.

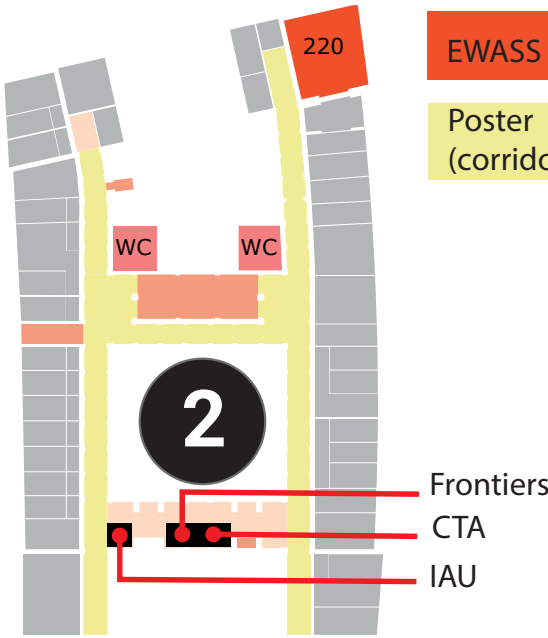
Conference Map

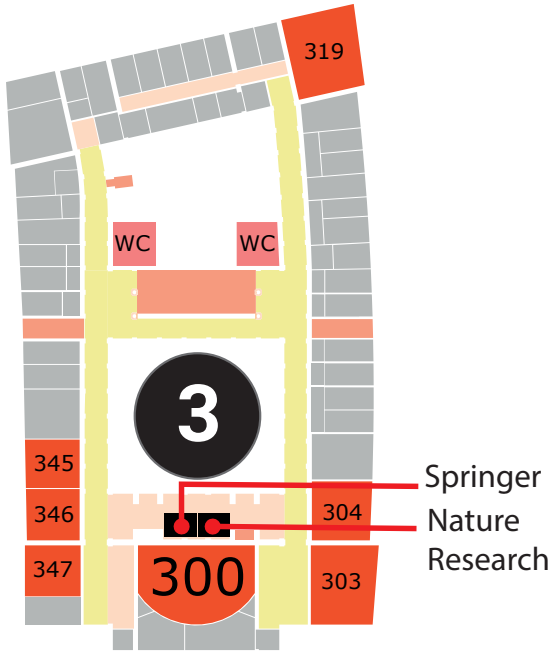


Conference Map



Conference Map





Registration & Accommodation Desk

The registration and accommodation desk is open during the following hours:

Sunday 25 June	16.00 – 20.00
Monday 26 June	8.00 – 18.00
Tuesday 27 June	8.00 – 18.00
Wednesday 28 June	8.00 – 18.00
Thursday 29 June	8.00 – 18.00
Friday 30 June	8.00 – 14.00

Registration fee for Participants includes:

Admission to the scientific sessions, congress documents including badge and printed programme, buffet or box and coffee breaks and access to the exhibition area and to the welcome reception (nominal amount of €5 required).

Registration fee for Participants does not include:

Accommodation, conference Dinner (reservation required), participation at excursions, travel expenses, personal insurance.

Name Badge

Conference badges must be worn at all times during congress activities. The badge is required for admission to sessions and social activities that are included in the registration. Admission may be denied to anyone not wearing his/her name badge.

Lunch

Buffet or box lunches will be distributed everyday from 12:30 – 14:00 at The Faculty of Law on 1st and 3rd level.

Practical information

Wifi

Wireless internet will be available at the venue.
The name of the network: **EWASS**
Password: **prague2017**

Congress Secretariat

Kuoni Destination Management
Phone : +420 775 551 360
e-mail : ewass2017@kuoni.com

Certificate of Attendance

A certificate of attendance will be sent to all registered participants per e-mail after the congress.

Invoices

Invoices will be sent to each participant at the end of the congress. For original printed copy, please visit the registration desk or email us at ewass2017@kuoni.com.

Plenary Talks

Monday, 26 June at 11.30
"History of Astronomy in the Czech Lands."
Alena & Petr Hadrava, Czech Academy of Sciences, Czech Republic

Tuesday, 27 June at 11.00
"Proxima b, red dwarf planets and the search for life beyond the solar system"
Guillem Anglada-Escudé, Queen Mary University of London, UK

Tuesday, 27 June at 11.30
"First science harvest from the Gaia sky"
Anthony G.A. Brown, Leiden Observatory, The Netherlands

Thursday, 29 June at 12.00
"Formation of stars and star clusters"
Richard Wünsch, Astronomical Institute, Czech Academy of Sciences, Czech Republic

Friday, 30 June at 12.00
"Chemical Enrichment of Clusters of Galaxies and the Large Scale Structure of the Universe"
Norbert Werner., Kavli Institute for Particle Astrophysics and Cosmology, USA

Friday, 30 June at 11.00
ESA Report
Arvind Parma, ESA

Friday, 30 June at 11.30
ESO Report
Rob Ivison, ESO

Prize Award Talks and Ceremonies

Monday, 26 June at 12.00
Lodewijk Woltjer Lecture
The 2017 Lodewijk Woltjer Lecture is awarded to Bengt Gustafsson, Uppsala University, Sweden

Tuesday, 27 June at 12.00
Tycho Brahe Prize
The 2017 Tycho Brahe Prize is awarded to Bernard Delabre, European Southern Observatory

Wednesday, 28 June at 11.00
MERAC Prize in Theoretical Astrophysics
The 2017 MERAC Prize in Theoretical Astrophysics is awarded to Selma de Min, University of Amsterdam, The Netherlands

Wednesday, 28 June at 11.30
MERAC Prize in Observational Astrophysics
The 2017 MERAC Prize in Observational Astrophysics is awarded to Kevin Schawinski, ETH-Zurich, Switzerland

Wednesday, 28 June at 12.00
MERAC Prize in New Technologies
The 2017 MERAC Prize in New Technologies is awarded to Emmanuel Hugot, Laboratoire d'Astrophysique de Marseille, France

SPECIAL PLENARY SESSIONS

Thursday, 29 June at 11.00
EAS General Assembly

OTHER EVENTS

Wednesday, 28 June 2017, from 12:40 to 13:55
EQUITY & DIVERSITY LUNCHEON (sponsored by Nature Astronomy) An Equity & Diversity Luncheon will take place in the plenary room 100.

Thursday, 29 June 2017, from 12:40 to 13:55
STUDENT WORKSHOP A Special Workshop on "Writing proposals for positions and telescope time" will take place on a boat cruising the Vltava River

Symposia & Special Session

Symposium S1: Exoplanet science in the coming decade: The bright and nearby future. *Contact person: Petr Kabáth*
Room 103 Monday-Tuesday

Symposium S2: 1st Gaia Data, New Science, New Opportunities, Synergies with Radio Astrometry - the Gaia Research for European Astronomy Training (GREAT) Network. *Contact person: Anthony Brown*
Room 300 Monday-Tuesday

Symposium S3: Comparing simulations and observations of the varying scales of star formation. *Contact person: Simon Glover, David Eden*
Room 120 Monday-Tuesday

Symposium S4: Astrophysical Jets and Outflows - Synergies from compact objects to protostars. *Contact person: Magnus Persson, Dave Russell, Simone Migliari*
Room 101 Thursday-Friday

Symposium S5: High mass stars, their feedback and massive star clusters (Symposium to celebrate Guillermo Tenorio-Tagle's life-long contributions to Astrophysics). *Contact person: Stefanie Walch, Richard Wünsch*
Room 300 Thursday-Friday

Symposium S6: Physics and Demography of AGN and Starburst Winds. *Contact person: Enrico Piconcelli*
Room 304 Monday-Tuesday

Symposium S7: Bringing the near and the far: from Milky Way to nearby galaxies. *Contact person: Emanuele Dalessandro, Oscar A. Gonzalez*
Room 303 Thursday-Friday

Symposium S8: Ram pressure stripping and galaxy evolution. *Contact person: Pavel Jáchym*
Room 120 Thursday-Friday

Symposium S9: Star cluster formation history in the Magellanic Clouds. *Contact person: Michele Cignoni, Marcella Di Criscienzo, Antonino Milone*
Room 220 Monday-Tuesday

Symposium S10: Properties and evolution of accreting compact objects in low and high mass X-ray binaries. *Contact person : Andrea Sanna, Enrico Bozzo, Agnieszka Janiuk*
Room 319 Thursday-Friday

Symposium S11: A multi-messenger look at the origin of gamma-ray bursts. *Contact person: Dorottya Szécsi, Chris Copperwheat*
Room 303 Monday-Tuesday

Symposium S12: Accreting Black holes at their extremes. *Contact person: Michal Dovčiak, Peter Jonker*
Room 100 Thursday-Friday

Symposia & Special Session

Symposium S13: The multifrequency gravitational wave universe. *Contact person: Michele Armano*
Room 100 Monday-Tuesday

Symposium S14: Astroinformatics: From Big Data to understanding the Universe at Large. *Contact person: Petr Škoda*
Room 220 Thursday-Friday

Symposium S15: Scientific Synergies enabled by the SKA, CTA and Athena. *Contact person: Andrea Possenti*
Room 319 Monday-Tuesday

Symposium S16: Science with a large cooled FIR Space Observatory. *Contact person: Thijs de Graauw, Susanne Aalto*
Room 103 Thursday-Friday

Special Session 1: European Forum of Astronomical Communities in the New Member States. *Contact person: Jan Palouš*
Room 101 Wednesday

Special Session 2: Cool Science on Hot Subjects - Demonstrating the Strengths and Needs of National 1-2m Class Telescopes. *Contact person: Michaela Kraus*
Room 101 Tuesday

Special Session 3: Undergraduate Research in Astronomy. *Contact person: Richard Olenick, Irina Voloshina*
Room 346 Wednesday

Special Session 4: Star-planet interactions. *Contact person: Emeline Bolmont, Sergi Blanco-Cuaresma*
Room 345 Friday

Special Session 5: Energy release and radiation in partially ionized plasma of solar and stellar atmospheres. *Contact person: Alexander Stepanov*
Room 345 Tuesday

Special Session 6: Exploring Neutron Star Structure by Timing and Spectroscopy. *Contact person: Tolga Guver*
Room 346 Tuesday

Special Session 7: Near Infrared High Resolution Spectroscopy: where are we? . *Contact person: Serena Benatti, Nicoletta Sanna*
Room 346 Friday

Special Session 8: Cancelled

Special Session 9: Understanding the environmental dependence of star formation: the importance of Big Data. *Contact person: Sami Dib, Sacha Hony*
Room 120 Wednesday

Special Session 10: Winds from massive stars: What are the real rates? . *Contact person: Jiří Krtička*
Room 300 Wednesday

Symposia & Special Session

Special Session 11: Star formation, metals, and feedback in galaxies: Combining the latest observations and models. *Contact person: Rob Yates*
Room 345 Monday - Thursday afternoon

Special Session 12: Dust across the Universe. *Contact person: Rosa Valiante*
Room 103 Wednesday

Special Session 13: Relativity at 100: Past, present, and future of observational and theoretical puzzles. *Contact person: Luisa Bonolis*
Room 100 Wednesday

Special Session 14: Damped Ly-alpha absorbers (DLAs): in absorption, in emission. *Contact person: Annalisa De Cia*
Room 303 Wednesday

Special Session 15: Unravelling the first billion years with next-generation observatories and modelling. *Contact person: Pratika Dayal*
Room 304 Wednesday

Special Session 16: Developments and Practices in Astronomy Research Software. *Contact person: Amruta Jaodand, Alice Allen*
Rooms 319, 304 Wednesday -Thursday morning

Special Session 17: Science with the BRITE-Constellation nano-satellite photometry mission. *Contact person: Andrzej Pigulski*
Room 346 Monday

Special Session 18: The European ELT - Project status & plans for early science. *Contact person: Suzanne Ramsay*
Room 346 Thursday afternoon

Special Session 19: New Frontiers with Cluster Lenses : From the Hubble to the James Webb Space Telescope. *Contact person: Mathilde Jauzac*
Room 345 Wednesday

Special Session 20: Science with ALMA: Discoveries, future priorities and user support. *Contact person: Pavel Jachym*
Room 101 Monday

Special Session 21: Preparing the JWST Era. *Contact person: Patrice Bouchet*
Rooms 220, 345 Wednesday -Thursday afternoon

Special Session 22: Making the case for European astronomy and space science: public and political engagement. *Contact person: Robert Massey, Anita Heward*
Room 346 Wednesday afternoon - Thursday morning

Programme Overview

Monday, 26 June

9:00-10:30	Parallel Sessions
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 :** Alena & Petr Hadrava
12:00-12:30	**WOLTJER LECTURE :** Bengt Gustafsson
12:30-14:00	**LUNCH**
14:00-15:30	Parallel Sessions
15:30-16:00	**COFFEE BREAK**
16:00-17:30	Parallel Sessions

Tuesday, 27 June

9:00-10:30	Parallel Sessions
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 :** Guillem Anglada-Escude
11:30-12:00	**PLEANARY 3 :** Anthony G.A. Brown
12:00-12:30	**TYCHO BRAHE PRIZE :** Bernard Delabre
12:30-14:00	**LUNCH**
14:00-15:30	Parallel Sessions
15:30-16:00	**COFFEE BREAK**
16:00-17:30	Parallel Sessions

Programme Overview

Wednesday, 28 June

9:00-10:30	Parallel Sessions
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) :** Selma de Mink
11:30-12:00	**MERAC PRIZE (OBS.) :** Kevin Schawinski
12:00-12:30	**MERAC PRIZE (NEW TECH.) :** Emmanuel Hugot
12:30-14:00	**LUNCH** **EQUITY & DIVERSITY LUNCHEON (sponsored by Nature Astronomy)**
14:00-15:30	Parallel Sessions
15:30-16:00	**COFFEE BREAK**
16:00-17:30	Parallel Sessions

Thursday, 29 June

9:00-10:30	Parallel Sessions
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 :** Richard Wunsch
12:30-14:00	**LUNCH** **STUDENT WORKSHOP**
14:00-15:30	Parallel Sessions
15:30-16:00	**COFFEE BREAK**

Programme Overview

16:00-17:30	Parallel Sessions

Friday, 30 June

9:00-10:30	Parallel Sessions
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT :** Arvind Parmar
11:30-12:00	**ESO REPORT :** Rob Ivison
12:00-12:30	**PLENARY 5 :** Norbert Werner
12:30-12:45	**CLOSING CEREMONY**
12:45-14:00	**LUNCH**
14:00-15:30	Parallel Sessions
15:30-16:00	**COFFEE BREAK**
16:00-17:30	Parallel Sessions

S01- Exoplanet science in the coming decade: The bright and nearby future

Room 103

09:00-09:02	Welcome **Petr Kabath**
09:02-09:30	Prospects of ESPRESSO for exoplanet research **Francesco Pepe**
09:30-10:00	Studying exoplanets with JWST **Pierre Ferruit**
10:00-10:30	Detecting and Characterising Planets with Direct Imaging **Beth Biller**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:15	Stellar rotation periods, activity-induced RV signals and the detection of habitable planets **Rafael Rebolo**
14:15-14:30	A super-Earth on the edge of the habitable zone of a quiet M dwarf **Alejandro Suárez Mascareño**
14:30-14:45	A super-Earth orbiting a moderately active K-dwarf **Jonay Gonzalez-Hernandez**
14:45-15:00	First results from MASCARA: MASCARA-1b an exoplanet orbiting a bright star. **Geert Jan Talens**
15:00-15:15	New exoplanet host candidates in the Palomar Transient Factory in Orion data **Bruno Merin**
15:15-15:30	The GAPS Programme with HARPS-N@TNG. Gl15A: A multiple wide planetary system sculpted by binary interaction **Matteo Pinamonti**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	Searching Planets Around Eclipsing Close Binary Stars Systems Using Timing Method **Ilham Nasiroglu**
16:15-16:30	Constraining the Orbital Decay of Exoplanets through Transit Observations **Ing-Guey Jiang**
16:30-16:45	Constraining helium abundances with precise binary parameters. **Jessica Kirkby-kent**
16:45-17:00	Predicting Metallicity and C/O ratios for "Hot Jupiter" Exoplanets **Graeme Melville**
17:00-17:15	Observation of a stellar flare during a transit of HD189733 **Tereza Klocova**
17:15-17:30	The HR 8799 astrometry and resonant dynamics revisited **Krzysztof Goździewski**

S02- 1st Gaia data, new science, new opportunities, synergies with radio astronomy, the Gaia Research for European Astronomy Training (GREAT) network

Room 300

09:00-09:15	An artificial neural network to discover hypervelocity stars: candidates in Gaia DR1/TGAS **Elena Maria Rossi**
09:15-09:30	Revisiting the Tale of Hercules with GAIA DR1: How Stars Orbiting the Lagrange Points Visit the Sun **Chris Wegg**
09:30-09:45	Blue streams and star formation with Gaia DR1 **Joao Alves**
09:45-10:00	Empirical calibration of the Gaia Red Clump **Laura Ruiz-Dern**
10:00-10:15	Updated 3D tomography of the Local ISM based on Gaia distances and composite databases **Rosine Lallement**
10:15-10:30	A Gaia TGAS search for runaway supergiant stars in the Magellanic Clouds **Danny Lennon**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:15	Gaia Mission Status **Timo Prusti**
14:15-14:45	Gaia data processing status and news **Anthony G A Brown**
14:45-15:00	Gaia Photometric Catalogue: DR1 results and DR2 expectations **Francesca De Angeli**
15:00-15:15	Radial Velocities from Gaia **Ronny Blomme**
15:15-15:30	GAIA-GREAT: News and Status **Nicholas Walton**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	Kinematic structure in the Milky Way as Seen by Gaia **Wyn Evans**
16:15-16:30	An intricate Galaxy disk: velocity asymmetries in Gaia-TGAS **Teresa Antoja**
16:30-16:45	Assessing distances and consistency of stellar kinematics in Gaia/TGAS **Ralph Schoenrich**
16:45-17:00	Testing Gaia parallaxes with local Cepheids and RR Lyrae stars **Tatiana Muraveva**
17:00-17:15	A first Gaia look at inner halo **Giuliano Iorio**
17:15-17:30	The Disc Red Clump stars with TGAS, APOGEE and LAMOST **Iulia Simion**

S03- Comparing simulations and observations of the varying scales of star formation

Room 120

09:00-09:30	Simulations of Star Formation from Clouds to Protostars **Stella Offner**
09:30-10:00	Observations of star formation on small scales **Claudia Cyganowski**
10:00-10:15	The PDFs of molecular clouds are not what you think they are **Joao Alves**
10:15-10:30	**Short poster presentations**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:15	How to Destroy a Molecular Cloud: Stellar Feedback in 1D and 3D **Daniel Rahner**
14:15-14:30	Modelling the Effect of Massive Stars in Realistic Molecular Clouds **Ramon Rey-Raposo**
14:30-14:45	Molecular cloud filaments: no evidence for a ``characteristic'' width **Gina Panopoulou**
14:45-15:15	Time evolution of Giant Molecular Filaments in galaxy simulations **Ana Duarte Cabral**
15:15-15:30	The Origin of Local Star Formation Laws with Ionising Radiation **Samuel Geen**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Milky Way physics based on recent surveys of the Galactic plane **Henrik Beuther**
16:30-17:00	Observations of Gas and Star Formation in Extragalactic Systems **Andreas Schruba**
17:00-17:15	The connection between thermal pressure and star formation activity in nearby galaxies **Rodrigo Herrera-camus**
17:15-17:30	Towards a Universal Schmidt Law: Effect of removal of diffuse background in nearby spiral galaxies **Nimisha Kumari**

S06- Physics and demography of AGN and stardust winds

Room 304

09:00-09:15	Massive outflows in high-z QSOs **Massimo Cappi**
09:15-09:30	How to trigger a galaxy-wide outflow: the case of PDS 456 **Emanuele Nardini**
09:30-09:45	A global view of the accretion/ejection flow around supermassive black holes: the role of accretion disk winds **Margherita Giustini**
09:45-10:00	Probing the gas fuelling and outflows in nearby AGN with ALMA **Anelise Audibert**
10:00-10:15	Physical Properties of Narrow and mini-Broad Absorption Line Systems **Toru Misawa**
10:15-10:30	The WISSH Quasars Project. II - BLR winds in hyper-luminous quasars **Giustina Vietri**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:30	Molecular flows, AGN fueling and feedback **Francoise Combes**
14:30-14:45	A prototypical outflowing QSO at high-z: ionized and molecular outflow in XID2028 **Giovanni Cresci**
14:45-15:00	The WISSH Quasars Project. I - The most powerful [OIII] outflows in SDSS/WISE hyper-luminous quasars **Manuela Bischetti**
15:00-15:15	Do ionized outflows affect molecular gas content in AGN host galaxies? **Darshan Kakkad**
15:15-15:30	Fast outflows quenching star formation in quasar host galaxies **Alessandro Marconi**
15:30-16:00	**COFFEE BREAK**

16:00-16:15	Observational constraints on outflows from Active Galactic Nuclei **Thaisa Storchi Bergmann**
16:15-16:30	Cold Molecular and Neutral Outflows in Active Galaxies observed with ALMA **Andrin Flütsch**
16:30-16:45	Feeding and feedback in NGC1068: ALMA imaging of the torus and the outflow **Santiago Garcia-Burillo**
16:45-17:00	Identifying molecular outflows in our neighborhood **Dieter Lutz**
17:00-17:15	Winds and turbulence in powerful radio-loud obscured quasars at high redshift **Nicole Nesvadba**
17:15-17:30	Unraveling the properties of AGN outflows with MUSE, ALMA and JVLA **Bernd Husemann**

S09- Star cluster formation history in the Magellanic Clouds

Room 220

09:00-09:30	Star Clusters and the Evolutionary History of the Magellanic Clouds **Eva K. Grebel**
09:30-10:00	The VMC survey: a deep YJKs view of the Magellanic Clouds **Maria-Rosa Cioni**
10:00-10:30	Recognizing more stellar clusters in the Magellanic System **Andres E. Piatti**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:05-14:10	Observations of resolved star formation in the Magellanic Clouds **Venu Kalari**
14:10-14:15	Magellanic Cloud Star Cluster Stellar Populations from Integrated Spectroscopy **Christopher Usher**
14:15-14:45	Recent star formation in the Magellanic Clouds **Guido De Marchi**
14:45-15:15	Isolated Massive Star Formation: Myth or Reality? **Dimitrios Gouliermis**
15:15-15:20	Tracing the distribution and ages of young clusters in the Magellanic Clouds **Viktor Zivkov**
15:20-15:25	**Short poster presentation**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Estimating the ages of young stars and star clusters **Robin Jeffries**
16:30-17:00	The Hubble Tarantula Treasury Project **Elena Sabbi**
17:00-17:05	Mimicking Multiple Stellar Populations **Grigor Nikolov**
17:05-17:10	Multiple populations in intermediate age clusters in the SMC **Katherine Hollyhead**
17:10-17:15	Investigating Multiple Stellar Populations in Young LMC Stellar Clusters by means of Integrated Spectra **Randa Asa'd**
17:15-17:30	**Discussion**

S11- A multi-messenger look at the origin of gamma-ray bursts

Room 303

09:00-09:06	Welcome Notes **Dorottya Szécsi**
09:06-09:27	The history of cosmic gamma-ray burst observations **Rafail Aptekar**
09:27-09:48	Highly luminous GRB-Supernovae **David Alexander Kann**
09:48-10:00	A new type of Wolf-Rayet star: A possible progenitor to Type Ic-BL supernovae and long duration GRBs **Kathryn Neugent**
10:00-10:12	Constraining GRB and SLSN progenitors using a large, unbiased sample of nearby core-collapse supernovae **Kirsty Taggart**
10:12-10:24	GRB Central Engines within Superluminous Supernovae? **Sergey Blinnikov**
10:24-10:30	**Short poster presentations**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:21	Massive stars on their way to GRBs **Lidia Oskinova**
14:21-14:42	Star-forming gamma-ray burst host galaxies **Lise Christensen**
14:42-15:03	GRBs and stellar evolution: a review of progenitor theories **Dorottya Szécsi**
15:03-15:15	Characterizing metal-poor WR galaxies with integral field spectroscopy **Carolina Kehrig**
15:15-15:24	Connections Between Hydrogen-poor Superluminous Supernovae and Long Gamma-Ray Bursts **Ragnhild Lunnan**
15:24-15:30	**Short poster presentations**
15:30-16:00	**COFFEE BREAK**
16:00-16:21	Gamma Ray Bursts as Sources of Neutrinos (and Other Messengers) **Péter Mészáros**
16:21-16:42	Photospheric models for gamma-ray burst prompt emission **Peter Veres**
16:42-16:54	Search for neutrinos from short transients with IceCube's optical and X-ray follow-up program **Nora Linn Strotjohann**
16:54-17:06	Dynamical Properties of Internal Shocks Revisited **Killian Long**
17:06-17:18	The host galaxies of the Swift/BAT6 complete sample of LGRBs: hints on the LGRB efficiency and progenitors **Jesse Palmerio**
17:18-17:30	Microphysics in the gamma ray burst central engine **Agnieszka Janiuk**

S13- The multifrequency gravitational wave universe

Room 100

09:00-09:35	Introduction to gravitational waves. Extracting physical information form the source waveforms **Alberto Vecchio**
09:35-10:05	Merging Neutron Stars as Tools for Fundamental Physics **Bruno Giacomazzo**
10:05-10:20	Digging deeper: Observing primordial gravitational waves below black hole binary confusion noise **Tania Regimbau**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:30	Decay and coalescence timescales of massive black hole binaries; the key role of galaxy formation physics **Lucio Mayer**
14:30-15:00	Follow the chirp and roar: characterising compact object mergers with gravitational waves and electromagnetic measurements **Samaya Nissanke**
15:00-15:30	The LVC EM follow-up program and the observational campaign during O1 and O2 **Hsin-yu Chen**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	The EM follow-up strategy can be adjusted using information from the GW signal and models of the EM counterparts **Om Sharan Salafia**
16:15-16:45	Primordial binaries in the field **Tomasz Bulik**
16:45-17:15	Dynamical origin of compact object binaries **Michela Mapelli**
17:15-17:45	Core collapse supernovae **Jose Antonio Font Roda**

S15- Scientific Synergies enabled by the SKA, CTA and Athena

Room 319

09:00-09:30	The Athena project and its science objectives **Matteo Guainazzi**
09:30-09:45	ESO-Athena Synergies **Paolo Padovani**
09:45-10:00	Synergies between ESO multi-object spectrographs and Athena. **Vincenzo Mainieri**
10:00-10:15	The Ebbs and Flows of AGN Feedback in the Era of SKA and Athena **Michael Wise**
10:15-10:30	Accretion and ejection in AGN: the SKA and Athena synergy **Francesca Panessa**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:30	Potential scientific synergies between Athena and SKA **Rossella Cassano**
14:30-15:00	SKA + CTA: A tale of two instruments, and one particle population **Sera Markoff**
15:00-15:15	SKA-Athena Synergy: Cluster astrophysics from combining X-ray and SZ data **Keith Grainge**
15:15-15:30	Unveiling the progenitor scenario of Thermonuclear runaway SNe with SKA-Athena observations **Miguel Perez-Torres**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Visibility of molecular clouds with the Cherenkov Telescope Array and the cosmic ray spectrum in the Galaxy **Sabrina Casanova**
16:30-16:45	Synergy SKA-CTA: supernova remnants as cosmic accelerators **Adriano Ingallinera**
16:45-17:00	Science at the highest energies with the Cherenkov Telescope Array **Luigi Tibaldo**
17:00-17:15	Radio-loud AGN, the great winners of the future CTA-SKA synergies **Olivier Hervet**
17:15-17:30	Unveiling the hidden populations of Gamma Ray Bursts from TeV through X-rays to MHz. **Giancarlo Ghirlanda**

SS11- Star formation, metals, and feedback in galaxies: Combining the latest observations and models

Room 345

09:00-09:10	Intro **Rob Yates**
09:10-09:30	Molecular gas, dust, and star formation in galaxy evolution models **Rachel Somerville**
09:30-09:45	THE MUSE ATLAS OF DISKS (MAD) **Santiago Erroz-Ferrer**
09:45-10:00	Unveiling the most elusive star-forming galaxies **Paola Santini**
10:00-10:10	The evolution of the cosmic star formation rate density and star formation rate-stellar mass relation **Antonios Katsianis**
10:10-10:20	Molecular observations in outer disk of M83 **Isadora Chaves Bicalho**
10:20-10:30	Spatially resolved properties of low-metallicity dwarf irregular galaxies **Katarzyna Bensch**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:20	Metals in Galaxies: An Empirical Perspective on Chemical Evolution **Jabran Zahid**
14:20-14:40	Chemical enrichment in galaxy evolution models & simulations **Rob Yates**
14:40-14:55	Metal enrichment and metallicity gradients in evolving massive galaxies: the differential role of energetic phenomena **Michaela Hirschmann**
14:55-15:10	Metallicity gradients in the nearby Universe: shedding new light on the role of gas flows in galaxies **Francesco Belfiore**
15:10-15:20	Measuring precise gas-phase metallicity maps in star-forming galaxies at high redshift with HST grism spectroscopy **Xin Wang**
15:20-15:30	Discussion **Rob Yates**
15:30-16:00	**COFFEE BREAK**

16:00-16:20	The effects of star-formation & feedback on galaxy scales **Simon Lilly**
16:20-16:40	Feedback in simulations of galaxy formation **Joop Schaye**
16:40-16:55	Stellar feedback up close: constraints from detailed MUSE and ALMA observations of a star-bursting nuclear ring **Dimitri Gadotti**
16:55-17:10	The Mass and Metal Outflow Rates of Star-formation Driven Galactic Outflows **John Chisholm**
17:10-17:20	Characterizing the multi-phase outflowing ISM in a distant radio galaxy **Allison Man**
17:20-17:30	Discussion **Rob Yates**

SS17- Science with the BRITE-Constellation nano-satellite photometry mission

Room 346

09:00-09:30	BRITE-Constellation: four successful years and more to come **Werner W. Weiss**
09:30-10:00	BRITE-Constellation: operating five nano-satellites to serve one mission **Rainer Kuschnig**
10:00-10:15	Unraveling the complex brightness variations of the red supergiant Betelgeuse with the BRITE Constellation Nano-satellites and ground-based Photometry **Edward Guinan**
10:15-10:30	BRITEning up the Be phenomenon **Dietrich Baade**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:15	Pulsation analysis of early B-type stars from the BRITE Sagittarius field **Przemyslaw Walczak**
14:15-14:30	Photometric and spectroscopic variability of 53 Per **Ewa Niemczura**
14:30-14:45	Oscillations of classical Cepheids - new discoveries and new challenges **Radoslaw Smolec**
14:45-15:00	Testing the long-term stability of BRITE-Constellation **Werner W. Weiss**
15:00-15:15	Delta Pictoris: massive eclipsing binary with Beta Cephei-type pulsating component **Andrzej Pigulski**
15:15-15:30	BRITE view on chosen eclipsing binaries. **Milena Ratajczak**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	Light variations due to wind blanketing in O stars **Jiří Krtička**
16:15-16:30	BRITE reveals tidal interaction in the doubly-magnetic B-type spectroscopic binary Epsilon Lupi **Gregg Wade**
16:30-16:45	Double-lined spectroscopic binary 57 Cyg. **Gabriela Michalska**
16:45-17:00	Reconstructing an accretion disk image in beta Lyrae from the BRITE-Comstellation space photometry **Kresimir Pavlovski**
17:00-17:30	BRITE-Constellation: Science Potential **Dietrich Baade**

SS20- Science with ALMA: Discoveries, future priorities and user support

Room 101

09:00-09:25	Molecular complexity in planet-forming disks with ALMA **Catherine Walsh**
09:25-09:40	Nascent disks in the First Hydrostatic Core/Class 0 protostars B1b-N and B1b-S **Asunción Fuente**
09:40-09:55	Resolving surface activities and magnetic fields of evolved stars **Daniel Tafoya**
09:55-10:10	Tracing the phase transition of Al-bearing species from molecules to dust in stellar winds **Leen Decin**
10:10-10:25	Unveiling clustered high-mass star formation with ALMA's longest baselines **Ciriaco Goddi**
10:25-10:30	Discussion **Pavel Jachym**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**OPENING CEREMONY**
11:30-12:00	**PLENARY 1 - ALENA & PETR HADRAVA**
12:00-12:30	**WOLTJER LECTURE - NORBERT WERNER**
12:30-14:00	**LUNCH**
14:00-14:25	High frequency and long baseline observations of nearby AGN: Resolving the torus. **Santiago Garcia-Burillo**
14:25-14:40	Extreme star-formation rate densities in a pair of dusty starbursts at z=3.4 revealed by ALMA 20-milliarcsec resolution imaging **Martin Zwaan**
14:40-14:55	Dust in the Reionization Era: ALMA Observations of a z=8.38 Gravitationally-Lensed Galaxy **Nicolas Laporte**
14:55-15:10	Planck's Dusty GEMS. Star formation and feedback in a maximum starburst at z = 3 seen at 60-pc resolution **Raoul Cañameras**
15:10-15:25	Identification of structures in solar ALMA images **Roman Brajsa**
15:25-15:30	Discussion **Pavel Jachym**
15:30-16:00	**COFFEE BREAK**
16:00-16:25	The European ALMA Regional Centre Network **Evanthia Hatziminaoglou**
16:25-16:45	ALMA current and future scientific capabilities **Leonardo Testi**
16:45-17:05	Challenges at the current longest baselines and potential for further extension **Neil Phillips**
17:05-17:30	Discussion **Pavel Jachym**

S01- Exoplanet science in the coming decade: The bright and nearby future

Room 103

09:00-09:30	Challenges in exoplanet characterization **Ravit Helled**
09:30-10:00	Exoplanet Atmospheric Modeling: From giant planets to super-Earths **Nikku Madhusudhan**
10:00-10:15	2024+: Observing exoplanet atmospheres with the E-ELT **Florian Rodler**
10:15-10:30	Exoplanetary atmospheric detection with ground-based transmission spectroscopy (PhD results) **Elyar Sedaghati**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:15	Blue atmosphere or stellar activity – is the blue atmosphere of GJ 3470 b real? **Silvia Kunz**
14:15-14:30	Proxima Cen b: theoretical spectral signatures for different atmospheric scenarios **Alain Leger**
14:30-14:45	Characterizing exoplanetary atmospheres with a mid-infrared nulling spectrograph **Denis Defrere**
14:45-15:00	A new model of the dust tails of disintegrating rocky exoplanets **Andrew Ridden-Harper**
15:00-15:15	Mysterious eclipses in the light curve of KIC8462852: a possible explanation **Jan Budaj**
15:15-15:30	The effects of binary systems and contaminating light on transiting hot Jupiters **Daniel Evans**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	Instrumental performance of the WSO-UV Field Camera Unit **Pablo Marcos-Arenal**
16:15-16:30	CHEOPS: CHaracterising ExOPlanet Satellite **Kate Isaak**
16:30-16:45	Transiting exoplanet observations with JWST: preparing the Early Release Science program **Nicolas Crouzet**
16:45-17:00	The PLATO space mission **Ana María Heras**
17:00-17:30	The Future of Exoplanetary Research **Artie Hatzes**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

S02- 1st Gaia data, new science, new opportunities, synergies with radio astronomy, the Gaia Research for European Astronomy Training (GREAT) network

Room 300

09:00-09:15	A detailed study of binary stars with TGAS **Henri Boffin**
09:15-09:30	Mapping the Transient Sky with Gaia **Simon Thomas Hodgkin**
09:30-09:45	Nuclear transients in Gaia **Zuzanna Kostrzewa-Rutkowska**
09:45-10:00	Testing the local model of the Milky Way thin disk with TGAS-RAVE sample **Kseniia Sysoliatina**
10:00-10:15	Measuring the Sun's Motion with Stellar Streams **Khyati Malhan**
10:15-10:30	Modelling the Milky Way with Gaia and M2M **Jason Hunt**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:15	Ground-based spectroscopy to complement Gaia **Sofia Feltzing**
14:15-14:30	The APOGEE-TGAS red-giant sample: Precision chemo-dynamics in the extended solar vicinity **Friedrich Anders**
14:30-14:45	The Lives of Stars as Seen in the TGAS-LAMOST-RAVE Dataset **John Vickers**
14:45-15:00	The WHT Extreme Aperture Velocity Explorer (WEAVE) surveys of the Milky-Way in synergy with Gaia **Vanessa Hill**
15:00-15:30	High-accuracy radio astrometry with VLBI **Mareki Honma**
15:30-16:00	**COFFEE BREAK**

16:00-16:15	The future of the International Celestial Reference Frame **Patrick Charlot**
16:15-16:30	VLBI radio-sources stability and celestial reference frame **César Gattano**
16:30-16:45	VLBI-Gaia offsets favour parsec-scale jet direction in active galactic nuclei **Yuri Kovalev**
16:45-17:00	Results of 2-8 GHz core-shift measurements in a large sample of AGNs and their astrometric implications **Alexander Plavin**
17:00-17:15	VLBI astrometry to star-forming regions in the Gould Belt **Gisela Ortiz Leon**
17:15-17:30	Radio stellar kinematics of YSOs in the Orion Core **Sergio Dzib**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

S03- Comparing simulations and observations of the varying scales of star formation

Room 120

09:00-09:30	Star Formation at the Centre of the Galaxy **Cara Battersby**
09:30-09:45	Gas dynamics in the Central Molecular Zone **Mattia Sormani**
09:45-10:00	M31 Centre Molecular Gas Survey **Anne-Laure Melchior**
10:00-10:15	MCs from SN-Driven Turbulence: Observations Versus Simulations **Paolo Padoan**
10:15-10:30	**Short poster presentations**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:30	Synthetic observations of simulations: establishing observational tests to discriminate models **James Dale**
14:30-15:00	Strengths and limitations of real observational data **Volker Ossenkopf-Okada**
15:00-15:15	Blind No Longer - Observing Multiphase Emission From Simulations with OPIATE **Eric Pellegrini**
15:15-15:30	[CII] as a tracer of GMC formation **Paul Clark**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Statistical tools for comparing simulations and observations **Sarah Jaffa**
16:30-16:45	Synthetic observations of core fragmentation and young multiples. **Oliver Lomax**
16:45-17:00	Closing the Loop: Using Realistic Synthetic Observations of Simulated Star-forming Regions to Test Observational Properties **Christine Koepferl**
17:00-17:15	Synthetic observations of dust and molecular lines in dense clouds **Mika Juvela**
17:15-17:30	Simulated observations of the formation of a 25 solar mass star **Tim Harries**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

S06- Physics and demography of AGN and stardust winds

Room 304

09:00-09:30	The physics of AGN-driven galactic outflows **Kastytis Zubovas**
09:30-09:45	The Origin of Cold Gas in Starburst and AGN-Driven Winds **Evan Scannapieco**
09:45-10:00	On the physical mechanism(s) of AGN feedback-driven outflows **Wako Ishibashi**
10:00-10:15	Stellar Feedback and the Cosmic Baryon Cycle in Galaxy Evolution **Daniel Anglés-Alcázar**
10:15-10:30	Mechanical and radiative AGN feedback drives powerful, galactic outflows in cosmological simulations of massive galaxies **Michaela Hirschmann**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:30	AGM wind scaling relations **Fabrizio Fiore**
14:30-14:45	Probing AGN feedback in Mrk231 through high-resolution UV-to-NIR observations **Angela Bongiorno**
14:45-15:15	Cool Neutral and Molecular Outflows in Gas-Rich Galaxies **Sylvain Veilleux**
15:15-15:30	Large turbulent reservoirs of cold gas unveiled with CH+ around starburst galaxies at high redshift **Edith Falgarone**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	AGN and starburst driven outflows: prospects with ALMA and JWST **Roberto Maiolino**
16:15-16:30	The KMOS AGN Survey at High-z (KASHz) **Chris Harrison**
16:30-16:45	The SUPER survey: characterization of active galactic nuclei radiative feedback at z~2 **Chiara Circosta**
16:45-17:00	The statistical properties of galactic outflows by 3D spectroscopy on thousands of galaxies **Rob Gallagher**
17:00-17:15	Ionized gas outflows in AGN: a detailed study of their physical properties from the MAGNUM survey **Giacomo Venturi**
17:15-17:30	Studying Ionized Outflows in large X-ray selected AGN samples: XMM-XXL and SPIDERS **Andrea Merloni**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

S09- Star cluster formation history in the Magellanic Clouds

Room 220

09:00-09:30	Extended Star Formation or a Range of Stellar Rotation Velocities? The Nature of Extended Main Sequence Turnoffs in Intermediate-Age Star Clusters **Paul Goudfrooij**
09:30-10:00	Extended MSTOs in Magellanic Cloud clusters: spread in ages, rotation, or what? **Leo Girardi**
10:00-10:15	The Search for Multiple Populations in Young and Intermediate Age Clusters **Florian Niederhofer**
10:15-10:30	Near-Critically Rotating Stars in Young Massive Clusters: A Review **Ivan Cabrera-Ziri**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:15	The split main sequences and the extended Main Sequence Turnoff in Magellanic Clouds young massive clusters **Francesca D'Antona**
14:15-14:45	Stellar rotation and its importance in the interpretation of stellar populations in MCs **Sylvia Ekström**
14:45-15:15	Formation of multiple stellar populations in star clusters of the Magellanic Clouds **Kenji Bekki**
15:15-15:20	No evidence for multiple stellar populations in the Small Magellanic Cloud cluster NGC 419 **Silvia Martocchia**
15:20-15:25	The overlooked role of stellar variability in LMC intermediate-age clusters **Ricardo Salinas**
15:25-15:30	Extended Main Sequences in Young Massive Clusters of Large Magellanic Cloud: an Ordinary Feature? **Chengyuan Li**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Multiple stellar populations in Milky Way globular clusters **Anna Marino**
16:30-16:45	Self enrichment of globular clusters with super-massive stars **Mark Gieles**
16:45-17:00	Interpreting the Complex CMDs of Magellanic Cloud Clusters **Nate Bastian**
17:00-17:30	Summary, general discussion and future perspectives **Nate Bastian**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

S11- A multi-messenger look at the origin of gamma-ray bursts

Room 303

09:00-09:21	Electromagnetic counterparts of compact object binary mergers **Rosalba Perna**
09:21-09:42	Searching for high energy electromagnetic transients with ADWO **Zsolt Bagoly**
09:42-09:54	Joint Gravitational Wave and Electromagnetic Observation of Neutron Star- Black Hole Coalescing Binaries: A New Method to Constrain Neutron Star Radius **Stefano Ascenzi**
09:54-10:06	Search for signature of the LIGO gravitational wave events in SPI-ACS and GBM/Fermi data **Alexei Pozanenko**
10:06-10:18	Short versus long gamma-ray bursts: prompt energetics and correlations **Robert Nemiroff**
10:18-10:30	Short GRBs: rare and luminous **Om Sharan Salafia**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:21	X-ray polarization in context of GRBs **Enrico Costa**
14:21-14:42	The Cherenkov Telescope Array (CTA) and its potential for GRB observations **Michael Prouza**
14:42-14:54	Multimessenger follow-up with the Liverpool Telescope **Christopher Copperwheat**
14:54-15:06	The Transient High-Energy Sky and Early Universe Surveyor (THESEUS) **Lorenzo Amati**
15:06-15:18	Science with OCTOCAM: Gemini's future broad band imager and spectrograph **Antonio de Ugarte Postigo**
15:18-15:30	The VLT/X-shooter GRB afterglow legacy survey **Lex Kaper**
15:30-16:00	**COFFEE BREAK**

16:00-16:21	Statistical studies of the spatial distribution of gamma-ray bursts and the cosmological principle **Attila Meszaros**
16:21-16:33	Testing Isotropic Universe Using the Gamma-Ray Burst Data and Discussion of GRB Classes **Jakub Ripa**
16:33-16:45	The Swift GRB Host Galaxy Legacy Survey: New Constraints on the LGRB Progenitor and Cosmic Redshift Evolution from Multiwavelength SEDs **Daniel Perley**
16:45-16:54	Galactic foreground of GRBs **Viktor Toth**
16:54-17:03	Discovery of a low-energy spectral breaks in prompt GRB spectra: towards a better understanding of the radiation mechanism? **Gor Oganesyan**
17:03-17:24	GRB hosts and environments in close-up **Christina Thöne**
17:24-17:30	Final remarks, summary, outlook **Dorottya Szécsi**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

S13- The multifrequency gravitational wave universe

Room 100

09:00-09:15	The formation and coalescence sites of the first gravitational wave events **Raffaella Schneider**
09:15-09:30	Prospects for joint observations of gravitational waves and high-energy photons from merging binary neutron stars **Massimiliano Razzano**
09:30-09:45	Astrophysical origin of the binary black holes in GW150914 and GW151226 **Felix Mirabel**
09:45-10:15	Black hole seed formation at cosmic dawn **Muhammad Latif**
10:15-10:30	The birth of a massive black hole binary **Alessandro Lupi**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:15	A second decoupling between merging binary black holes and the inner disc – impact on the electromagnetic counterpart **Jorge Cuadra**
14:15-14:30	Exploring the Gravitational-Waves Universe with THESEUS **Lorenzo Amati**
14:30-15:00	Strong gravity tests and searches for new physics with gravitational wave detectors **Emanuele Berti**
15:00-15:30	Gravitational waves from coalescing compact binaries **Alessandro Nagar**
15:30-16:00	**COFFEE BREAK**
16:00-16:25	The third generation of ground-based gravitational-wave detectors **Jan Harms**
16:25-16:50	Pulsar Timing Array **Ryan Shannon**
16:50-17:15	LISA: A Gravitational Wave Observatory in Space **Martin Hewitson**
17:15-17:40	LISA Pathfinder: First Steps to Observing Gravitational Waves from Space **Paul Mcnamara**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

S15- Scientific Synergies enabled by the SKA, CTA and Athena

Room 319

09:00-09:30	Synergies between SKA and ALMA **Robert Laing**
09:30-09:45	SKA and VLBI. Observational synergies and scientific potentials **Tiziana Venturi**
09:45-10:00	The Fast Radio Burst phenomenon **Manisha Caleb**
10:00-10:15	Fast Radio Burst 121102 localization - lessons for SKA-VLBI **Zsolt Paragi**
10:15-10:30	The Breakthrough Listen Search for Extraterrestrial Intelligence **Steve Croft**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:30	SKA - Euclid Synergies **Andrea Cimatti**
14:30-15:00	An optical and infrared view of pulsars and fast transients in the SKA era **Cees Bassa**
15:00-15:15	Mapping the galaxy populations within ionized bubbles in the intergalactic medium with JWST, WFIRST and E-ELT **Erik Zackrisson**
15:15-15:30	A pan-chromatic approach to galaxy evolution: lesson learned from extra-galactic deep fields **Isabella Prandoni**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	The synergies between SKA and the ground-based network of gravitational wave observatories **Alberto Vecchio**
16:30-16:45	The Pierre Auger Observatory for cosmic rays **Jörg Hörandel**
16:45-17:00	Future Synergies Between the SKA and IceCube **Andrew Taylor**
17:00-17:15	Prospects of Multiwavelength Machine Learning Approaches: Search for High-Confidence Blazar Candidates and their Multiwavelength Counterparts **Sabrina Einecke**
17:15-17:30	ASTERICS to support enabling the scientific synergies **Rob Van Der Meer**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

SS02- Cool Science on Hot Subjects - Demonstrating the Strengths and Needs of National 1-2m Class Telescopes

Room 101

09:00-09:15	NOT Transient Explorer: Bright future for the Nordic Optical Telescope **Heidi Korhonen**
09:15-09:30	SEDM - the transient classification machine on a 1.5m telescope **Nadejda Blagorodnova**
09:30-09:45	Asteroids monitoring with 1.2m Baldone Schmidt (code 069) telescope. **Ilgmars Eglitis**
09:45-10:00	Long-Term Optical Light Curves of Pre-Main Sequence Objects **Evgeni Semkov**
10:00-10:15	Chemical composition of evolved stars in open clusters **Grazina Tautvaisiene**
10:15-10:30	Using small to hunt big: rings around B[e] Supergiants **Grigoris Maravelias**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:15	Cometary science with the 2-m telescope of NAO Rozhen **Tanyu Bonev**
14:15-14:30	Tracing mass ejection phases in evolved massive stars **Michaela Kraus**
14:30-15:00	RoboPol: Optopolarimetric Monitoring of Blazars from the Skinakas Observatory **Nikolaos Kylafis**
15:00-15:15	Spectropolarimetry at the 2m Bernard Lyot Telescope at Pic du midi: **Eric Josselin**
15:15-15:30	The status and the future of the Byurakan Astrophysical Observatory (BAO) 2.6m and 1m Schmidt telescopes **Areg Mickaelian**
15:30-15:35	The OPTICON Trans-National Access programme in Horizon 2020 **John Davies**
15:30-16:00	**COFFEE BREAK**

16:00-16:30	OPTICON Time-Domain network of small telescopes to aid Gaia Alerts observations. **Łukasz Wyrzykowski**
16:30-17:00	Ground-based Observations for Exoplanetary Space Missions **Šarūnas Mikolaitis**
17:00-17:15	Radial-velocity measurements of A-star planet candidates found in the Kepler survey. **Eike W. Guenther**
17:15-17:30	SOPHIE@OHP: a high-precision RV spectrograph - improvements and future prospects **Isabelle Boisse**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

SS05- Energy release and radiation in partially ionized plasma of solar and stellar atmospheres

Room 345

09:00-09:40	Flare heating in stellar chromospheres **Hugh Hudson**
09:40-10:00	The temporal behaviour of MHD waves in a partially ionized prominence-like plasma: Effect of heating and cooling **José Luis Ballester**
10:00-10:20	On the Generation and Propagation of Alfvén Waves in the Lower Solar Atmosphere **Yuriy Tsap**
10:20-10:30	**Short poster presentations**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:40	Partially ionized atmospheric gases in cloud-forming, ultra-cool, low-mass stars **Christiane Helling**
14:40-15:00	Ultracool stars: magnetic loop heating, electron acceleration and radio emission **Alexander Stepanov**
15:00-15:20	STELLAR ACTIVITY IN SELECTED BINARY SYSTEMS WITH KEPLER PHOTOMETRY **Derviş Ersin Tokbay**
15:20-15:30	**Short poster presentations**
15:30-16:00	**COFFEE BREAK**
16:00-16:40	Recent advances in millimeter to far-infrared solar physics **Jean Pierre Raulin**
16:40-17:00	Observing capabilities of the European Solar Telescope **Jan Jurcak**
17:00-17:15	Electric energy accumulation model for solar flares **Valery Krivodubskij**
17:15-17:30	Free-free absorption coefficients in solar atmosphere **Milan S. Dimitrijević**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

SS06- Exploring Neutron Star Structure by Timing and Spectroscopy

Room 346

09:00-09:30	Modelling pulsar glitches **Brynmor Haskell**
09:30-09:50	Minimum Glitch Size of Crab and the Crustquake as a Trigger Mechanism **Onur Akbal**
09:50-10:10	Post-outburst radio monitoring of the high magnetic field pulsar PSR J1119-6127 **Walid Majid**
10:10-10:30	On the long-term orbital evolution of the accreting millisecond X-ray pulsar SAX J1808.4-3658 **Andrea Sanna**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**PLENARY 2 - GUILLEM ANGLADA-ESCUDE**
11:30-12:00	**PLENARY 3 - ANTHONY G.A. BROWN**
12:00-12:30	**TYCHO BRAHE PRIZE - BERNARD DELABRE**
12:30-14:00	**LUNCH**
14:00-14:30	Neutron Star Crusts: Structure, heating and cooling **Nathalie Degenaar**
14:30-14:50	Neutron star crust cooling after recurrent outbursts **Laura Ootes**
14:50-15:10	The ambiguous low luminosity plateau phase in the Be/X-ray transient 4U 0115+63 **Alicia Rouco Escorial**
15:10-15:30	Calculation of thermal conductivity coefficients of electrons in magnetized dense matter **Maria Glushikhina**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	The Neutron star Interior Composition Explorer (NICER): Status and Capabilities **Jerome Chenevez**
16:30-16:50	Neutron star equation of state and uncertainty on the radius determination **Morgane Fortin**
16:50-17:10	Constraints on NS Radius with mHz Quasi-periodic Oscillations in NS LMXBs **Wenfei Yu**
17:10-17:30	Pulse Timing Studies of Accretion Powered Pulsars and Neutron Star Interior Response **Altan Baykal**
17:30-18:30	**ERC FUNDING OPPORTUNITIES - ANDREAS KEIL**

SS01- European Forum of Astronomical Communities in the New Member States

Room 101

09:00-09:15	Aims of the European Forum of Astronomical Communities **Jan Palouš**
09:15-09:30	EAS collaboration with ASTRONET **Sofia Feltzing**
09:30-09:45	The EAS Contribution **Thierry Courvoisier**
09:45-10:00	ASTRONET: Status, progress and plans **Denis Mourard**
10:00-10:15	The ESO perspective **Rob Ivison**
10:15-10:30	The ESA Science Programme - how to get involved **Arvind Parmar**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:15	A&A publication policies **Andre Moitinho de Almeida**
14:15-14:30	Writing schools **Laszlo Kiss**
14:30-14:45	OPTICON Schools **Heidi Korhonen**
14:45-15:00	Large and small collaborations; two examples **Rob van der Meer**
15:00-15:15	A pan-European vision of large astronomical facilities: the role of current observatories in new member states. **Jesus Gallego**
15:15-15:30	Development of Small National Astronomical Communities through Inter- and Multi- disciplinary Studies **Sona Farmanyan**
15:30-16:00	**COFFEE BREAK**
16:00-17:00	Panel Discussion on National Fora, Cooperation of Small and Big Facilities **Jan Palouš**
17:00-17:30	Joint Actions and Approval of a Common Plan **Jan Palouš**

SS03- Undergraduate research in astronomy

Room 346

09:00-09:20	Training at the telescope: a need for future astronomers, and a good incentive for students **Michel Dennefeld**
09:20-09:40	Igniting the Fire for Research and Discovery in Astronomy: Research Experiences and Opportunities for Undergraduate Science Students **Edward Guinan**
09:40-10:00	Promoting Undergraduate Research in Physics at the University of Central Florida in Orlando, FL, USA **Michele Montgomery**
10:00-10:20	Undergraduates Searching for Exoplanets and Finding the Unexpected **Richard Olenick**
10:20-10:30	Discussion **Irina Voloshina**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:20	Cosmic rays, gammas and students - undergraduate research projects in astroparticle physics at the Institute of Physics in Prague **Michael Prouza**
14:20-14:40	Space Science and STEAM Learning at the Arecibo Radio Observatory (AO), Creating a Scientific Pipeline for the Future **Hilda Colón Plumey**
14:40-14:50	The role of astronomy in the COSPAR Capacity Building Programme **Carlos Gabriel**
14:50-15:10	**Short poster presentations**
15:10-15:20	Discussion **Richard Olenick**
15:20-15:30	Summary of Special session 3
15:30-16:00	**COFFEE BREAK**

SS09- Understanding the environmental dependence of star formation: The importance of Big Data

Room 120

09:00-09:30	sThe Physical Properties of Clumps in Different Evolutionary Stages Identified in Galactic Plane Surveys **Yancy Shirley**
09:30-09:50	Understanding Galactic-scale star formation by combining large survey data sets: the VIALACTEA project. **Davide Elia**
09:50-10:00	The Star Formation Rate and Efficiency maps for OrionA **Josefa Grossschedl**
10:00-10:10	A large, homogeneous radial velocity survey of the complete Orion Star Forming Region **Karolina Kubiak**
10:10-10:20	Turbulence Statistic Analysis in the SEDIGISM survey **Sac Nicté Medina**
10:20-10:30	VISIONS - VISTA star formation atlas **Stefan Meingast**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:30	Molecular Cloud Fragmentation: From Magnetic Fields to the IMF **Shantanu Basu**
14:30-14:50	Environmental dependence of the star formation rate in molecular clouds **Paolo Padoan**
14:50-15:10	The extended law of star formation: the combined role of gas and stars **Sacha Hony**
15:10-15:20	Polytropic models of filamentary molecular clouds **Claudia Toci**
15:20-15:30	Towards a physically motivated core definition: The Pipe Nebula as seen in Herschel-Planck emission and NIR extinction **Birgit Hasenberger**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Demographics of Young Stellar Clusterings in nearby galaxies **Dimitrios Gouliermis**
16:30-16:50	A non-universal IMF in the Milky Way stellar clusters **Sami Dib**
16:50-17:10	The environmental dependence of Binary star formation **Rainer Köhler**
17:10-17:20	Multiplicity among 3500 Young Stellar Objects in Orion A **Christine Ackerl**
17:20-17:30	Measuring the IMF of the Inner Milky Way from Microlensing Timescales: A Constant IMF Across the Galactic Disk **Chris Wegg**

SS10- Winds from massive stars: What are the real rates?

Room 300

09:00-09:30	Role of wind clumping for mass loss from massive stars **Jon Sundqvist**
09:30-10:00	Hot-star wind mass-loss rates from H-alpha and IR lines. **Francisco Najarro**
10:00-10:15	Optical and near-infrared spectroscopic analysis of O-stars including clumping **Artemio Herrero**
10:15-10:30	The metallicity dependence of WR winds **Rainer Hainich**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:30	Mass-loss rates from sub-millimetre and radio data **Ronny Blomme**
14:30-15:00	X-ray measurements of the mass-loss rates of hot, massive stars **Maurice Leutenegger**
15:00-15:15	The mass-loss history from modelling 3D density distributions **Claudia Agliozzo**
15:15-15:30	Magnetic hot stars as laboratories for wind physics **Gregg Wade**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Mass-loss rates on and off the main sequence **Jorick Vink**
16:30-16:45	Sonic Horizon and constraints on mass-loss rates from the subsonic structure of Wolf-Rayet stars **Luca Grassitelli**
16:45-17:00	From measurements to predictions: Using state of the art model atmospheres in a new way **Andreas Sander**
17:00-17:15	Stellar evolution models of massive stars with an experimental wind scheme **Zsolt Keszthelyi**
17:15-17:30	The impact of stellar winds on the mass of compact remnants **Michela Mapelli**

Room 103

09:00-09:30	The life-cycle of interstellar dust **Hiroyuki Hirashita**
09:30-09:45	Dust around evolved AGB stars: where observations meet theory **Gioia Rau**
09:45-10:00	The long walk to the ISM: Dust processing inside supernova remnants **Elisabetta Micelotta**
10:00-10:30	Observational properties of dusty galaxies across the cosmic epochs **Roberto Maiolino**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:15	Dust depletion: a unified picture from the Galaxy to low-metallicity distant galaxies **Annalisa De Cia**
14:15-14:30	Evidence of steeper extinction curves at high redshits **Tayyaba Zafar**
14:30-14:45	DustPedia: Multi-wavelength observations of nearby galaxies as tool to characterize the cosmic dust **Viviana Casasola**
14:45-15:00	Evolution of the dust-to-metals ratio in GRB-DLAs **Philip Wiseman**
15:00-15:30	The formation and evolution of high-redshift dust **Raffaella Schneider**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	The dust cosmic rate across the Universe **Lorenzo Gioannini**
16:15-16:45	What do we really know about dust? **Anthony Jones**
16:45-17:00	The X-ray view on dust in dense environments of the Galaxy **Sascha Zeegers**
17:00-17:15	The Planck all-sky maps of dust emission **Jan Tauber**
17:15-17:30	What has Herschel done for dust? Squeezing out more information from the observations. **Ken Marsh**

Room 100

09:00-09:30	The lead-up to first Texas Symposium and the emergence of relativistic astrophysics **Luisa Bonolis**
09:30-10:00	Why relativistic effects are crucial in high energy astrophysics **Martin Rees**
10:00-10:05	TBC **Joao Alves (in absentia of Virginia Trimble)**
10:05-10:20	Konus-Wind and the Interplanetary network observations of gravitational wave sources **Dmitry Svinkin**
10:20-10:30	**Short poster presentations**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:30	General Relativity - The first 50 years **Alexander Blum**
14:30-15:00	Classical General Relativity: Light and Gravity **Jiří Bičák**
15:00-15:30	Beyond General Relativity, towards a quantum spacetime **Daniele Oriti**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Einstein's Second Biggest Blunder: The Uncertain Existence of Gravitational Waves **Virginia Trimble (in absentia)**
16:30-17:00	Current status of gravitational-wave observations with LIGO **Alessandra Buonanno**
17:00-17:30	LISA: exploring the deep Gravitational Universe **Monica Colpi**

SS14- Damped Ly-alpha absorbers (DLAs): in absorption, in emission

Room 303

09:00-09:30	Damped Lyman-alpha systems in absorption **Pasquier Noterdaeme**
09:30-09:45	The cold shielded gas in and around high redshift galaxies **Siwei Zou**
09:45-10:00	On the deficiency of Argon in Damped Lyman alpha systems **Tayyaba Zafar**
10:00-10:15	The chemical connection between Damped Lyman-alpha systems and dwarf galaxies **Asa Skuladottir**
10:15-10:30	Connecting absorption and emission studies of gas in GRB-selected galaxies **Maryam Arabsalmani**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:30	Galaxy counterparts of Damped Lyman-alpha Absorbers **Johan Fynbo**
14:30-15:00	Simulating the neutral hydrogen content of galaxies and the circumgalactic medium **Joop Schaye**
15:00-15:15	Parsec-scale HI absorption structure in a low-redshift DLA galaxy **Martin Zwaan**
15:15-15:30	ALMA and MUSE reveal gas rich galaxy group connected to a Lyman alpha absorber **Anne Klitsch**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	Galaxy Counterparts of DLAs Detected with MUSE **Lorrie Straka**
16:15-16:30	ALMA's view of DLAs: Using Sub-millimeter Observations to Detect the Hosts of DLAs **Marcel Neeleman**
16:30-16:45	Scaling relations and distributions in absorption-selected galaxies **Henrik Rhodin**
16:45-17:00	CGM studies at intermediate redshifts **Hadi Rahmani**
17:00-17:30	Discussion **Annalisa De Cia**

SS15- Unravelling the first billion years with next-generation observatories and modelling

Room 304

09:00-09:30	Early galaxy formation and the reionization of the Universe **Laura Pentericci**
09:30-09:45	Towards a Concordance Model of Reionization **Andrei Mesinger**
09:45-10:00	A MUSE View of the HUDF: The Lya Luminosity Function out to z ~ 6.5 **Alyssa Drake**
10:00-10:15	Constraining IGM and ISM Properties During the Epoch of Reionization from Bayesian Inference of Lyman Alpha Emission **Charlotte Mason**
10:15-10:30	**Short poster presentations**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:15	Cosmic Dawn II: radiation-hydrodynamics of galaxy formation during the epoch of reionization **Pierre Ocvirk**
14:15-14:30	How to measure the escape of ionizing photons from galaxies at z > 6 **Erik Zackrisson**
14:30-14:45	Properties of Lyman continuum leaking galaxies and comparison with high-z star-forming galaxies properties **Daniel Schaerer**
14:45-15:00	Strong stellar-driven outflows shape the evolution of young galaxies at cosmic dawn **Michaela Hirschmann**
15:00-15:15	Galaxies in the Epoch of Reionisation as seen with ALMA **Renske Smit**
15:15-15:30	ALMA Observations Reveal Major Mergers Among the Host Galaxies of Fast-growing, High-redshift, Supermassive Black Holes **Benny Trakhtenbrot**
15:30-16:00	**COFFEE BREAK**

16:00-16:15	Finding Forming Globular Clusters at High Redshift **Alvio Renzini**
16:15-16:30	Extremely Small Sizes to Faint z~2-8 Galaxies in the Hubble Frontier Fields: Physical Interpretation and Implications **Rychard Bouwens**
16:30-16:45	Unravelling the first billion years with galaxy colours **Raffaella Schneider**
16:45-17:00	The Connection between Reddening, Gas Covering Fraction, and the Escape of Ionizing Radiation at High Redshift **Naveen Reddy**
17:00-17:30	Galaxy formation in the first billion years: prospects with the next generation facilities. **Roberto Maiolino**

SS16- Developments and practices in astronomy research software

Room 319

09:00-09:05	Welcome
09:05-09:20	Reproducible science in scientific computing **Simon Portegies Zwart**
09:20-09:40	The Astropy Project: A community Python library for astronomy **Brigitta Sipocz**
09:40-09:50	A Computer Science Perspective on the Astronomy Research Software Process **John Wenskovitch**
09:50-10:00	TARDIS - a radiative transfer code, an open source community, and an interdisciplinary collaboration **Wolfgang Kerzendorf**
10:00-10:30	Discussion **Alice Allen**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:05-14:20	Reproducibility in Era of Data-Driven Science **Kai Polsterer**
14:20-14:30	Should short codes used for astronomy research be made public? **Robert Nemiroff**
14:30-14:40	Giving credit where credit is due: the role of ADS in discovering and citing software in scholarly publications **Sergi Blanco-Cuaresma**
14:40-14:50	ifteen years of WISE technology software development and operations, author name now: Gijs Verdoes Kleijn **Alice Allen**
14:50-15:00	TBC **Mark Allen**
15:00-15:30	Discussion **Alice Allen**
15:30-16:00	**COFFEE BREAK**
16:05-16:20	The Astropy Project **Thomas Robitaille**
16:20-16:35	Stingray and Dave: Spectral timing for all **Matteo Bachetti**
16:35-16:50	Living on the fringe: making CASA ready for VLBI **Ilse van Bemmel**
16:50-17:05	Interactive widgets for the Jupyter notebook **Maarten Breddels**
17:05-17:30	Discussion **Alice Allen**

SS19- New frontiers with cluster lenses: From the Hubble to the James Webb Space Telescope

Room 345

09:00-09:30	Strong Lens Modeling of Galaxy Clusters **Keren Sharon**
09:30-09:45	MACSJ0416.1-2403: Impact of line-of-sight structures on strong gravitational lensing modelling of galaxy clusters **Giulia Chirivì**
09:45-10:00	Abell 370 in 3D: Probing the Line-of-Sight Mass Distribution of a Massive Galaxy Cluster **David Lagattuta**
10:00-10:15	Systematic errors in strong lensing models of galaxy clusters: Implications for cosmography in FF-simulated clusters **Ana Acebron**
10:15-10:30	The detailed mass structure of 120 galaxy clusters from weak and strong lensing **Raphael Gavazzi**
10:30-10:40	**Short poster presentations**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:30	Amplifying Transient Science with Gravitational Lensing **Steven Rodney**
14:30-15:00	The MUSE view of massive galaxy clusters **Johan Richard**
15:00-15:15	Strong lensing analysis of Abell 2744 with MUSE and Hubble Frontier Fields images. **Guillaume Mahler**
15:15-15:30	Modeling the mass distribution of the Frontier Fields Abell S1063 **Benjamin Clément**
15:30-16:00	**COFFEE BREAK**

16:00-16:15	The distribution of structures in Lambda-CDM simulation of clusters **Matthieu Schaller**
16:15-16:30	A census of z=3-7 star-forming sources behind lensing clusters **Roser Pello**
16:30-16:45	Physical properties of low mass MUSE-confirmed galaxies at z>3 in the Frontier Fields **Johany Martinez**
16:45-17:00	Ultra-Faint Galaxies in the Hubble Frontier Fields: Constraints on a Possible Low-Luminosity Turn-Over and Consistent Measurements of the Faint-End Slope to the UV Luminosity Function from blank fields and clusters **Rychard Bouwens**
17:00-17:15	The First Galaxies in Hubble frontier Fields **Rachana Bhatawdekar**
17:15-17:30	The KLEVER Survey : Spatially resolved gas excitation properties and metallicity gradients in high-z lensed galaxies **Mirko Curti**

SS21- Preparing the JWST Era

Room 220

09:00-09:20	JWST status, capabilities and scientific timeline **Pierre Ferruit**
09:20-09:40	James Webb Space Telescope Science Operations **Patrice Bouchet**
09:40-10:05	The JWST Astronomer's Proposal Tool **Macarena Garcia Marin**
10:05-10:30	The JWST Exposure Time Calculator (ETC) **Tim Rawle**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
14:00-14:20	Overview of JWST High-z GTO Programmes **Karina Caputi**
14:20-14:40	Practical ex.: imaging surveys (parallels NIRCam + MIRI) **Daniel Stark**
14:40-15:10	Spectroscopic surveys with JWST **Roberto Maiolino**
15:10-15:30	JWST integral field spectroscopic observations of galaxies **Santiago Arribas**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	MIRI Protoplanetary and Debris Disks program - Dust and Gas **Fred Lahuis**
16:15-16:35	Star Formation in the Local Group with NIRSpec **Guido De Marchi**
16:35-16:55	Lessons learnt from the preparation of JWST GTO observations of exoplanets by direct imaging techniques **Pierre-Olivier Lagage**
16:55-17:15	Observation of a transiting exoplanet with NIRISS, NIRSpec, and MIRI **Giovanna Giardino**
17:15-17:30	No photon left behind: serendipitous asteroid science thanks to MIRI SIMO **Fred Lahuis**

SS22- Making the case for European astronomy and space science public and political engagement

Room 346

10:30-11:00	**COFFEE BREAK**
11:00-11:30	**MERAC PRIZE (THEO.) - SELMA DE MINK**
11:30-12:00	**MERAC PRIZE (OBS.) - KEVIN SCHAWINSKI**
12:00-12:30	**MERAC PRIZE (NEW TECH.) - EMMANUEL HUGOT**
12:30-14:00	**LUNCH**
15:30-16:00	**COFFEE BREAK**
16:00-16:10	Finding a place for space **Karen O'Flaherty**
16:10-16:20	Insights into the effects of our science evaluation system on knowledge production in astronomy **Julia Heuritsch**
16:20-16:30	Promoting Science Communication. Why and How? **Sona Farmanyan**
16:30-16:40	Capacity building through EU space education and outreach programmes **Jorge Rivero Gonzalez**
16:40-16:50	Public reactions to space science – Insights from the Rosetta mission blog **Claudia Mignone**
16:50-17:00	Public Outreach at EGO/Virgo: communicating gravitational wave science to the European public **Massimiliano Razzano**
17:00-17:10	Europlanet 2020 RI – planetary science, public engagement and policy **Anita Heward**
17:10-17:30	Discussion session **Robert Massey**

S04- Astrophysical jets and outflows - synergies from compact objects to protostars

Room 101

09:00-09:30	Black hole outflows across the mass scale: launching, 'activation' and feedback **Sera Markoff**
09:30-09:50	TBC **Sylvie Cabrit**
09:50-10:10	A connection between plasma conditions near black hole event horizons and outflow properties **Karri Koljonen**
10:10-10:30	First large scale Herbig-Haro jet driven by a proto-brown dwarf **Basmah Riaz**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:20	Relativistic Jets from Accreting Neutron Stars **Kyle Parfrey**
14:20-14:50	Accretion-ejection connection: from jets to winds **Jonathan Ferreira**
14:50-15:10	Disc-jet coupling in AGN **Francesca Panessa**
15:10-15:30	The origin of molecules in protostellar jets with ALMA: the HH212 test case at high angular resolution **Benoît Tabone**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	TBC **Sasha Tchekhovskoy**
16:30-16:50	The episodic protostellar outflow of Serpens South CARMA-7 observed with ALMA **Adele Plunkett**
16:50-17:10	Constraining the fine structure of X-ray emitting jets close to the launching site: the case of DGTau and HH154 **Sabina Ustamujic**
17:10-17:30	Self-similar semi-analytical RMHD jet model: first step towards a more comprehensive jet modelling for data fitting **Chiara Ceccobello**

S05- High mass stars, their feedback and massive star clusters (Symposium to celebrate Guillermo Tenorio-Tagle's life-long contribution to Astrophysics)

Room 300

09:00-09:30	Guillermo Tenorio-Tagle's Feedback in the ISM **Jan Palouš**
09:30-10:00	Interstellar Matter Hydrodynamics, What a great fun! **Guillermo Tenorio-Tagle**
10:00-10:30	Gas expulsion versus gas retention in young massive clusters. **Sergiy Silich**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:30	Volume-density-driven star formation in the Galaxy **Genevieve Parmentier**
14:30-14:45	Winds and Radiation in Unison: A New Feedback Model to Disrupt Molecular Clouds **Daniel Rahner**
14:45-15:00	Can Massive Stellar Feedback Disperse Giant Molecular Clouds? **Samuel Geen**
15:00-15:15	Massive Star Formation and Feedback in Nearby Galaxies **Fatemeh Tabatabaei**
15:15-15:30	Feedback regulated star formation: dual constraints on the age spreads and star formation efficiency in massive clusters **Sami Dib**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Studying the stellar populations in the fuzzy cores of young massive clusters **Zeinab Khorrami**
16:30-16:45	The way massive stars end as black holes **Felix Mirabel**
16:45-17:00	A spectroscopic survey of all massive stars in the Orion constellation **Karolina Kubiak**
17:00-17:15	The interplay between feedback an galactic context in stellar clusters modelled in realistic molecular clouds **Ramon Rey-raposo**
17:15-17:30	**Short poster presentations**

S07- Bridging the near and the far: from the Milky Way to nearby galaxies

Room 303

09:00-09:30	The complex stellar populations in the Milky Way barred bulge and in the Galactic Center **Livia Origlia**
09:30-09:45	On the disc origin of the Milky Way bulge **Paola Di Matteo**
09:45-10:00	Chemodynamical Modelling of the Galactic Bulge and Bar **Chris Wegg**
10:00-10:15	Towards the age map of the Milky Way bulge from VVV photometry **Francisco Surot Madrid**
10:15-10:30	Simulating the evolution of the Milky Way's bulge **Victor Debattista**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:30	Chemical tagging: prospects and results from APOGEE **Ricardo Schiavon**
14:30-14:45	Reconstructing the history of the Milky Way disk from its present day structure and numerical simulations **J. Ted Mackereth**
14:45-15:00	Radial distribution of abundances in the Galactic disc from open clusters and young field stars **Laura Magrini**
15:00-15:15	The evolution of the Milky Way's radial metallicity gradient as seen by CoRoT and APOGEE **Friedrich Anders**
15:15-15:30	Inverse abundance gradients as evidence for inside-out formation. **Ralph Schoenrich**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	The Milky Way halo **Vanessa Hill**
16:30-16:45	A box full of chocolates: The rich structure of the nearby stellar halo revealed by Gaia and RAVE **Jovan Veljanoski**
16:45-17:00	Global properties of globular clusters and their multiple populations in the Galaxy and Beyond **Nate Bastian**
17:00-17:15	A dynamically-selected stellar halo with GAIA: metallicity distribution, velocity ellipsoid and substructures **Lorenzo Posti**
17:15-17:30	Mass-to-light ratios of globular clusters: from the Milky Way to M31 **Vincent Henault-Brunet**

S08- Ram pressure stripping and galaxy evolution

Room 120

09:00-09:25	HI Distributions of Virgo Cluster Spiral Galaxies and Evolution Driven by Ram Pressure Stripping **Jeffrey Kenney**
09:25-09:50	Radio continuum diagnostics of galaxy interactions **Bernd Vollmer**
09:50-10:15	Re-constructing the gas stripping history of cluster galaxies **Yara L Jaffé**
10:15-10:30	Ram pressure and preprocessing in Abell 1367: a tale of tails **Elias Brinks**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:25	Ram pressure stripped ionized gas found from narrow-band imaging with the Subaru Telescope **Masafumi Yagi**
14:25-14:50	Resolving the Physics of gas stripping phenomena in local clusters of galaxies with MUSE **Matteo Fossati**
14:50-15:05	Turbulent clusters under the MUSE lens: the case of A-1367. **Giuseppe Gavazzi**
15:05-15:20	MUSE goes BIG **Guido Consolandi**
15:20-15:30	**Short poster presentations**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	Star formation histories of low-mass early-type galaxies linked with local environment **Agnieszka Sybilska**
16:15-16:30	Enhanced Ram Pressure Stripping of Galaxies in Merging Clusters **Matthew Hunt**
16:30-16:45	MHD simulations of ram pressure stripping of a disk galaxy **Mariana Ramos-Martinez**
16:45-17:10	Ram-pressure Stripping of Dwarf Galaxies **Gerhard Hensler**
17:10-17:30	Discussion **Pavel Jachym**

S10- Properties and evolution of accreting compact objects in low and high mass X-ray binaries

Room 319

09:00-09:22	Fast timing in black-hole binaries **Tomaso M. Belloni**
09:22-09:37	Relativistic Spectroscopy of Black Hole XRBs **Michael Parker**
09:37-09:52	Revealing new spectral components from the broad-band variability of the inner accretion flow of black hole binaries **Magnus Axelsson**
09:52-10:07	The rapid orbital period decays in black hole X-ray binaries **Jonay Gonzalez-Hernandez**
10:07-10:22	Failed outbursts of Black Hole Transients **Melania Del Santo**
10:22-10:31	**Short poster presentations**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:22	Black hole high mass X-ray binaries as tools to study black hole accretion and stellar winds **Victoria Grinberg**
14:22-14:37	Analysis of the Spectral States of Cyg X-1 based on INTEGRAL Data **Alexandros Filothodoros**
14:37-14:52	Evolution of the X-ray and radio states during the 2016 giant flare episode of Cyg X-3 **Elise Egron**
14:52-15:14	Connecting LMXBs and UCXBs - Sources of Gravitational Waves **Thomas Tauris**
15:14-15:30	Black hole formation by implosion in the evolutionary paths of GW progenitors **Felix Mirabel**
15:30-16:00	**COFFEE BREAK**
16:00-16:22	Probing the properties of the accretion flow in low-mass X-ray binaries through timing and spectra **Mariano Mendez**
16:22-16:37	Using QPOs at low and high frequency to test the Relativistic Precession Model in NS-LMXBs with known spin **Marieke Van Doesburgh**
16:37-16:52	A soft mHz quasi periodic oscillation in the fastest accreting millisecond pulsar. **Carlo Ferrigno**
16:52-17:07	Timing the transitional millisecond pulsar J1023+0038 **Amruta Jaodand**
17:07-17:22	The nature of the brightest LMXB: transition from Atoll to Z-track in Cygnus X-2 **M J Church**
17:22-17:31	**Short poster presentations**

S12- Accreting black holes at their extremes

Room 100

09:00-09:30	Observational properties of AGN and black hole binaries: from phenomenology to physics **Andrea Merloni**
09:30-09:45	Accretion and outflows in accreting black holes: the extreme case of V404 Cygni **Teo Muñoz-Darias**
09:45-10:00	A potential low-mass black hole in GX 339-4 **Marianne Heida**
10:00-10:15	The rapidly variable ultra-fast outlfow from IRAS 13224-3809 **Michael Parker**
10:15-10:30	The relation between accretion and obscuration in AGN **Claudio Ricci**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:30	Unveiling the disc accretion flow via X-ray timing **Barbara De Marco**
14:30-14:45	Testing accretion disc models in AGN **Patricia Arevalo**
14:45-15:00	The coronal optical depth - temperature diagram in AGN **Andrea Marinucci**
15:00-15:15	The X-ray to UV relation in quasars: physical properties of the corona. **Guido Risaliti**
15:15-15:30	Prospects of X-ray polarimetry for accreting black hole systems **Rene Goosmann**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Observational Properties of TDEs **Iair Arcavi**
16:30-17:00	Using multi-wavelength observations to understand the TDE emission mechanism **Sjoert van Velzen**
17:00-17:15	iPTF16fnl: a uniquely nearby tidal disruption event. **Francesca Onori**
17:15-17:30	iPTF16fnl - faint and fast TDE in an E+A galaxy **Nadejda Blagorodnova**
17:30-17:45	A mass function for optical tidal disruption event host galaxies **Thomas Wevers**

S14- Astroinformatics: From big data to understanding the universe at large

Talks in Friday sessions are organized with support of COST Action TD1403

"Big Data Era in Sky and Earth Observation"

Room 220

09:00-09:10	Welcome and logistics **Petr Skoda**
09:10-09:30	The Virtual Observatory - Enabling interoperability in Astronomy **Mark Allen**
09:30-09:50	The Virtual Observatory: A new framework for new science **Enrique Solano**
09:50-10:10	Transient Sky in the Big Data Era **Łukasz Wyrzykowski**
10:10-10:20	VIALACTEA: 3D visualization-driven science analysis of large Galactic surveys from the infrared to the radio, and data-mining approaches to the evolutionary classification of star-formation sites. **Sergio Molinari**
10:20-10:30	Mining for lensed quasars in wide-field surveys, and modelling challenges **Adriano Agnello**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:20	Statistical and machine learning methods to analyse the one billion time series of Gaia **Laurent Eyer**
14:20-14:40	Automatic classification of sources in large astronomical catalogues **Agnieszka Pollo**
14:40-15:00	Uncertain Photometric Redshifts **Kai Polsterer**
15:00-15:10	Machine learning technique for morphological classification of galaxies from SDSS **Daria Dobrycheva**
15:10-15:20	Machine learning approach for the search of high-confidence blazar candidates and their multiwavelength counterparts **Sabrina Einecke**
15:20-15:30	An all-sky support vector machine selection of WISE YSO candidates **Gabor Marton**
15:30-16:00	**COFFEE BREAK**
16:00-16:10	Enhanced SOM distributed processing for the classification of large spectroscopic data in the Gaia mission. **Marco Antonio Alvarez**
16:10-16:20	A distributed and enhanced implementation of unsupervised ANNs applied to spectrophotometry clustering in the ESA Gaia mission. **Daniel Garabato**

16:20-16:30	Deep leaning for galaxy surface brightness profile fitting **Diego Tuccillo**
16:30-16:40	Classifying radio galaxies with deep learning **Vesna Lukic**
16:40-16:50	Transfer of knowledge in convolutional neural networks for morphological classification of galaxies **Diego Tuccillo**
16:50-17:30	**Short poster presentations**

S16- Science with a large cooled FIR Space Observatory

Room 103

09:05-09:35	FIR science legacy from previous space missions, and required scientific capabilities for a future large cooled FIR Space Observatory **Göran Pilbratt**
09:35-10:00	FIR Technology for single dish space astronomy: Status and Future **Andrey Baryshev**
10:00-10:25	Evolution of the dust-obscured Universe since the first billion years **David Elbaz**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:25	H2 and HD lines as diagnostics tools for the early Universe with a large far infrared telescope **Francois Boulanger**
14:25-14:50	The Link between AGN and Massive Galaxy Growth in the Early Universe: the Unique Far-IR Probe **Karina I. Caputi**
14:50-15:15	Cosmology with a large cooled FIR space observatory **Sergey Pilipenko**
15:15-15:30	Beyond The Peak - Mapping CO excitation in Nearby Galaxies **Eric Pellegrini**
15:30-16:00	**COFFEE BREAK**
16:00-16:20	Disentangling far-IR emissions of star formation and AGN torus in distant radiogalaxies with the new code Pegase.3 and AGN models **Brigitte Rocca Volmerange**
16:20-16:40	Galaxy evolution studies with the future SPICA telescope **Luigi Spinoglio**
16:40-17:00	TBC
17:00-17:30	Probing the role of magnetic fields in the formation and evolution of interstellar filaments with FIR polarimetric imaging from space **Philippe André**

SS11- Star formation, metals, and feedback in galaxies: Combining the latest observations and models

Room 345

10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:15	High-redshift star formation at the limit: Self-regulated growth of the most vigorously star-forming galaxies seen with Planck **Nicole Nesvadba**
14:15-14:30	Star formation of far-IR AGN and non-AGN galaxies in the green valley: possible implication of AGN positive feedback **Mirjana Povic**
14:30-14:45	Dust as a tracer of metal enrichment and stellar feedback **Hiroyuki Hirashita**
14:45-15:00	The deepest radio view of AGN in the COSMOS field: a two-fold population **Ivan Delvecchio**
15:00-15:15	Negative and positive AGN feedback **Stefano Carniani**
15:15-15:30	Black hole feeding and feedback: the physics inside the "subgrid" **Andrea Negri**
15:30-16:00	**COFFEE BREAK**

SS18- The European ELT: Project status & plans for early science

Room 346

10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**
14:00-14:25	The Extremely Large Telescope: the future of European ground-based astronomy. **Michele Cirasuolo**
14:25-14:40	Tracing the phase transition of Al-bearing species from molecules to dust in stellar winds using METIS **Leen Decin**
14:40-14:55	From the inner Milky Way to Local Volume galaxies: resolved stellar populations with EELT-HARMONI **Oscar Gonzalez**
14:55-15:10	Searching for variations in the IMF using SimCADO, the instrument data simulator for MICADO@E-ELT **Kieran Leschinski**
15:10-15:25	NIR high resolution spectroscopy with WINERED at NTT as a stepping stone for E-ELT **Giuseppe Bono**
15:25-15:40	Fibre mounted microlens array manufactured using 3D direct write lithography **Robert Harris**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	Massive stars in the Local Universe with E-ELT **Artemio Herrero**
16:15-16:30	Using Simulated Galaxies to Understand Future HARMONI Observations **Mark Richardson**
16:30-16:45	Simulating mid-infrared images of clumpy tori in AGN with METIS@E-ELT **Michael Mach**
16:45-17:00	The METIS Data Reduction System **Rainer Köhler**
17:00-17:15	Simulation of high-z galaxy observations with MOSAIC **Karen Disseau**
17:15-17:30	The performances of the high resolution spectrograph HIRES **Nicoletta Sanna**

Room 345

09:00-09:30	The JWST visibility tool (Presentation + Q&A) **Patrice Bouchet**
09:30-10:00	The APT - Q&A **Patrice Bouchet**
10:00-10:30	The ETC (Q&A) **Patrice Bouchet**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**

SS22- Making the case for European astronomy and space science public and political engagement

Room 346

09:00-09:10	Space weather – the importance of engagement and dialogue **Mario Bisi**
09:10-09:20	Science diplomacy, political lobbying & public engagement: the case of the SKA **Mathieu Isidro**
09:20-09:30	Public and political engagement: the situation for the geosciences **Ozgur Karatekin**
09:30-09:40	JIVE, an example of a new European Research entity. **Francisco Colomer**
09:40-09:50	Bridging the gap between space scientists, society and decision-makers **Mara Marcuzzi**
09:50-10:00	Building confidence in astronomy in a 'post expert' world **Robert Massey**
10:00-10:30	Discussion session **Robert Massey**
10:30-11:00	**COFFEE BREAK**
11:00-12:00	**EAS GENERAL ASSEMBLY**
12:00-12:30	**PLENARY 4 - RICHARD WUNSCH**
12:30-14:00	**LUNCH**

S04- Astrophysical jets and outflows - synergies from compact objects to protostars

Room 101

09:00-09:20	Accretion/ejection coupling in HMXBs at low luminosities through the study of Be/BH systems **Marc Ribó**
09:20-09:50	Jet power and accretion luminosity **Gabriele Ghisellini**
09:50-10:10	The chemistry of protostellar jet-disk systems **Claudio Codella**
10:10-10:30	Jets and outflows from deeply-embedded protostars with Herschel **Agata Karska**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:20	Extreme Jet Ejections from the Black Hole X-ray Binary V404 Cygni: The Unique (Sub-)Millimetre Perspective **Alex Tetarenko**
14:20-14:40	Integral Field Spectroscopy and Shock Modelling of Southern Herbig-Haro Objects **Michael Dopita**
14:40-15:10	Probing jet physics by the interaction of jets with their surroundings **Sebastian Heinz**
15:10-15:30	Collimated outflows shaping the circumstellar envelopes of dying stars **Daniel Tafoya**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Preparing for Science with the James Webb Space Telescope **Tom Ray**
16:30-16:50	Protostars as cosmic-ray factories **Marco Padovani**
16:50-17:10	Proper Motions with HST: Latest Results **Eileen Meyer**
17:10-17:30	Jet bowshock observations as a diagnostic tool in star formation **Ross Burns**

S05- High mass stars, their feedback and massive star clusters (Symposium to celebrate Guillermo Tenorio-Tagle's life-long contribution to Astrophysics)

Room 300

09:00-09:30	Detecting and classifying star-forming structures in the ISM **Sarah Jaffa**
09:30-09:45	Feedback in Mrk 71, a Nearby Green Pea Analog **M S Oey**
09:45-10:00	Galactic supershell GS242-03+37 **Sona Ehlerova**
10:00-10:15	A new massive star feedback model for the Rosette Nebula and its implications for the ISM **Christopher Wareing**
10:15-10:30	Star formation in the rims of supergiant HI shells in nearby galaxies **Oleg Egorov**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:30	Globular Cluster Formation at High Density: A model for Elemental Enrichment with Fast Recycling of Massive-Star Debris **Bruce Elmegreen**
14:30-14:45	Which stars form first? ALMA results on the relative birth order of high- and low-mass stars in massive (proto)clusters **Claudia Cyganowski**
14:45-15:00	Clustering of Young Stellar Objects Star Forming Regions W49, W51, and W43 **Gözde Saral**
15:00-15:15	Stellar feedback from a super star cluster in the Antennae overlap region **Cinthya Herrera**
15:15-15:30	Are Giant HII regions and HII galaxies progenitors of globular clusters and compact dwarf ellipticals? **Elena Terlevich**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	Young Super Stellar Clusters: Precision Cosmology and the Initial Mass Function **Roberto Terlevich**
16:30-16:45	Outflows from young starbursts probed by Lyman-alpha and UV absorption lines **Ivana Orlitova**
16:45-17:00	Conference Summary **Anthony Whitworth**
17:00-17:30	Concluding Discussion **Stephanie Walch-Gassner**

S07- Bridging the near and the far: from the Milky Way to nearby galaxies

Room 303

09:00-09:30	The resolved stellar populations of Milky Way satellite galaxies **Eline Tolstoy**
09:30-09:45	Complexities in the stellar kinematics of Local Group dwarf galaxies **Giuseppina Battaglia**
09:45-10:00	The fall of the Northern Unicorn: Proper motions of the Monoceros stream and ring **Thomas de Boer**
10:00-10:15	The power of teaming up HST and Gaia: proper motions for distant star clusters and dwarf galaxies. **Davide Massari**
10:15-10:30	Observing cold streams. **Eduardo Balbinot**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:30	Cosmological simulations of galaxies and the galaxy population **Robert Crain**
14:30-14:45	Globular clusters as the relics of Galactic archeology **Florent Renaud**
14:45-15:00	Star formation in barred galaxies: understanding of the quenching phase **Sergey Khoperskov**
15:00-15:15	The accreted stellar halo as a window on halo assembly in L* galaxies **Nicola C. Amorisco**
15:15-15:30	The E-MOSAICS project: simulating the formation and evolution of galaxies and their GC systems across full cosmic history **Joel Pfeffer**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	The Milky Way in an extra-galactic context: main results of ongoing surveys of nearby galaxies **Patricia Sanchez-Blazquez**
16:30-17:00	The Milky Way in an extragalactic context **Sofia Feltzing**
17:00-17:15	When the present meets the past: the LEGUS perspective on Star Formation of nearby galaxies **Elena Sacchi**
17:15-17:30	Resolving the Disc-Halo Degeneracy: A Look at NGC 628 **Magda Arnaboldi**

S08- Ram pressure stripping and galaxy evolution

Room 120

09:00-09:15	Ram Pressure Stripping in local clusters: the GASP perspective **Moretti**
09:15-09:40	Tails in X-rays and the connection to other bands **Ming Sun**
09:40-10:05	Infrared Diagnostics of Ram-Pressure Stripping **Suresh Sivanandam**
10:05-10:30	Molecular gas ram pressure stripping **Pavel Jachym**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:25	Evidences of ram pressure stripping in cluster galaxies **Alessandro Boselli**
14:25-14:40	The SAMI Galaxy Survey: The impact of the cluster environment on the star formation of infalling galaxies **Matt Owers**
14:40-14:55	Ram pressure stripping versus tidal interactions: A deep VLA-HI and optical-NIR imaging across the clusters, A85 and A496 **Hector Bravo-Alfaro**
14:55-15:10	HI Clouds In The Virgo Cluster : Dark Galaxies Or Tidal Debris ? **Rhys Taylor**
15:10-15:35	Ram Pressure Stripping of the Magellanic System **Gurtina Besla**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	The discovery of a ram-pressure stripping / AGN connection **Marco Gullieuszik**
16:15-16:30	Were does the stripped gas go? Gas accretion and formation of multiple structural components in galaxies **Lodovico Coccato**
16:30-16:45	What regulates star-formation in satellite galaxies in dense environments? **Michaela Hirschmann**
16:45-17:00	Star formation quenching mechanisms in nearest dwarf spheroidal galaxies: ram pressure and tidal stripping vs. gas depletion **Lidia Makarova**
17:00-17:30	Discussion **Pavel Jachym**

S10- Properties and evolution of accreting compact objects in low and high mass X-ray binaries

Room 319

09:00-09:22	Magnetic propellers: spectral and timing properties of neutron star HMXBs. **Felix Fuerst**
09:22-09:37	Low level accretion in the Be/X-ray transients **Alicia Rouco Escorial**
09:37-09:52	Do Long-Period Binary Pulsars Have Stronger Magnetic Fields than Ordinary Accretion-Powered Pulsars? **Kazuo Makishima**
09:52-10:14	Massive close binary evolution: WR binaries, massive X-ray binaries, LBVs and GW sources **Dany Vanbeveren**
10:14-10:29	Massive binary stars with relativistic companions: Studying donor winds with the HST **Rainer Hainich**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:22	Gas Dynamics of Stellar Winds and Accretion in HMXBs **John Blondin**
14:22-14:37	A revision of the current knowledge on wind-fed massive X-ray binaries **Silvia Martínez-Núñez**
14:37-14:52	Wind inhibition by X-ray irradiation in HMXBs: the effect of clumping **Jiří Krtička**
14:52-15:14	Radiation Magnetohydrodynamic Simulations of Black Hole Accretion in X-ray Binaries **Shane Davis**
15:14-15:29	Photoionisation instability of winds in X-ray binaries **Stefano Bianchi**
15:30-16:00	**COFFEE BREAK**
16:00-16:15	Companions tear accretion discs **Suzan Dogan**
16:15-16:30	Modelling the hysteresis cycles of Black-Hole X-ray binaries within the accretion-ejection framework **Gregoire Marcel**
16:30-16:52	Prospects in the research on X-ray binaries with future mission **Joern Wilms**
16:52-17:07	Studying accreting compact objects with X-ray polarimetry **Giorgio Matt**
17:07-17:22	XMM-Newton: Progress on the knowledge of neutron stars **Norbert Schartel**
17:22-17:31	**Short poster presentations**

S12- Accreting black holes at their extremes

Room 100

09:00-09:30	Physical processes in AGN and X-ray binary accretion disks coronae **Bozena Czerny**
09:30-09:45	The geometry of the accretion flow in the hard state of black-hole binaries **Andrzej Zdziarski**
09:45-10:00	A global view of the accretion/ejection flow around supermassive black holes **Margherita Giustini**
10:00-10:15	Magnetic flares near accreting black holes **Andrei Beloborodov**
10:15-10:30	Modelling the evolution of black hole spin in hydrodynamical simulations **Davide Fiacconi**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:30	Super-Eddington accretion rate sources and ULXs **Matthew Middleton**
14:30-15:00	The magneto-hydrodynamics of tidal disruption events **Elena Maria Rossi**
15:00-15:15	Super-Eddington driven winds in ultraluminous X-ray sources **Ciro Pinto**
15:15-15:30	Ultraluminous X-ray sources: optical spectroscopy **Sergei Fabrika**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	SgrA* and low accreting nuclear sources **Andreas Eckart**
16:30-16:45	Sgr A*: extreme gravity, ordinary accretion **Jason Dexter**
16:45-17:00	A deep, cold stare at Sgr A* **Daniel Asmus**
17:00-17:15	Sixteen years of X-ray monitoring of Sagittarius~A*: Evidence for a decay of the faint flaring rate from 2013 August, 13 months before a rise of the bright one **Enmanuelle Mossoux**
17:15-17:30	Monitoring the flaring activity of Sagittarius A* at 3 mm with ATCA. **Abhijeet Borkar**

S14- Astroinformatics: From big data to understanding the universe at large

Talks in Friday sessions are organized with support of COST Action TD1403 "Big Data Era in Sky and Earth Observation"

Room 220

09:00-09:20	LSST data products **Darko Jevremović**
09:20-09:40	Big Data in Space- Big data in our Computers **Edwin A. Valentijn**
09:40-10:00	Large Scale Data Management of Astronomical Surveys with AstroSpark **Karine Zeitouni**
10:00-10:20	Challenges of Big Data processing and machine learning in meteor science **Dejan Vinkovic**
10:20-10:30	Fully non-linear statistical analysis of Large scale structure data for wide and deep surveys **Guilhem Lavaux**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:20	The art of getting science from astronomical data deluge **Giuseppe Longo**
14:20-14:40	Space and cyberspace: hidden patterns in astrophysical datasets **Aleksandra Solarz**
14:40-15:00	The Big Picture from the Bottom Up **Ashish Mahabal**
15:00-15:20	Domain adaptation and active learning for SNe photometric classification **Emille Ishida**
15:20-15:30	Exploring large spectroscopic surveys using t-SNE reduction of spectral information **Gregor Traven**
15:30-16:00	**COFFEE BREAK**

16:00-16:20	A data-driven probabilistic approach for emission-line galaxy classification **Rafael De Souza**
16:20-16:40	SUNDIAL: combining astronomy and computer science to understand the formation and evolution of galaxies **Johan H. Knapen**
16:40-16:50	Photo-Z redshift reconstruction using a constructive multilayer perceptron. **Engelbert Mephu Nguifo**
16:50-17:00	Deep Learning in Large Astronomical Spectra Archives **Ondřej Podsztavek**
17:00-17:10	Light Curves Classifier - Package for obtaining and classifying light curves **Martin Vo**
17:10-17:20	Search for UV Ceti type stars in astronomical surveys using machine learning methods with Python **Jan Okleštěk**
17:20-17:30	Conclusions and Thanks **Petr Skoda**

S16- Science with a large cooled FIR Space Observatory

Room 103

09:00-09:25	The significance of large FIR telescopes for ISM and star formation large-scale Galactic studies at (sub)-arcsec scales **Sergio Molinari**
09:25-09:50	The potential of a large FIR telescope for studying water in the life cycle of dust and gas **Michiel Hogerheijde**
09:50-10:15	High resolution imaging of star forming regions **Igor Zinchenko**
10:15-10:30	Tracing the gas, dust and ice evolution in planetary systems with SPICA **Marc Audard**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:20	Origins Space Telescope: Interstellar Medium, Milky Way, and Nearby Galaxies **Cara Battersby**
14:20-14:45	Studies of stellar evolution with arcsec imaging and high resolution spectroscopy **Leen Decin**
14:45-15:10	Spatially resolved observations on late stages of stellar evolution. **Ryszard Szczerba**
15:10-15:35	Solar System Studies with a Large cooled FIR telescope: what break through to expect? **Paul Hartogh**
15:30-16:00	**COFFEE BREAK**
16:00-16:25	ALMA science capabilities today and tomorrow **Leonardo Testi**
16:25-16:40	The Millimetron Space Observatory: Scientific Capabilities and Progress Update **Thijs de Graauw**
16:40-17:10	Origins Space Telescope **Asantha Cooray**
17:10-17:30	A Large Cooled FIR Space Observatory: Prospects for the European Astronomical Community **Thijs De Graauw**

Room 345

09:00-09:20	How uncertainties on stellar atmospheric parameters impact exoplanet studies? **Sergi Blanco-Cuaresma**
09:20-09:40	Trends with condensation temperature and terrestrial planet formation: The case of Zeta Reticuli and our Sun **Vardan Adibekyan**
09:40-10:00	Alien worlds could be more alien than we think **Vardan Adibekyan**
10:00-10:20	Exoplanets behaving badly with their Host Stars: Evidence for angular momentum transfer in the Short-period Hot Jupiter System HD 189733 **Edward Guinan**
10:20-10:30	Discussion **Sergi Blanco-Cuaresma**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:20	Investigating Star-Planet Interactions through Transit Observations **Ing-Guey Jiang**
14:20-14:40	Tidal dissipation in rotating low-mass stars and implications for the orbital evolution of close-in planets **Florian Gallet**
14:40-15:00	A double zone dynamical model for the tidal evolution of the obliquity of exoplanetary systems **Cilia Damiani**
15:00-15:20	Repercussions of thermal tides on the rotational dynamics of terrestrial planets in the habitable zone **Pierre Auclair-Desrotour**
15:20-15:30	Discussion **Sergi Blanco-Cuaresma**
15:30-16:00	**COFFEE BREAK**
16:00-16:20	Observable impacts of magnetic interactions in compact star-planet systems **Antoine Strugarek**
16:20-16:40	Aurora radio emission from low-mass stars: revealing star-planet magnetic interaction **Adriano Ingallinera**
16:40-17:00	Stellar Magnetism and Space Weather in Exo-planetary Systems **Julián David Alvarado Gómez**
17:00-17:20	Cosmic Rays near Proxima Centauri b **Alexei Struminsky**
17:20-17:30	Discussion + coctail **Sergi Blanco-Cuaresma**

SS07- Near Infrared High Resolution Spectroscopy: Where are we?

Room 346

09:00-09:10	Welcome **Nicoletta Sanna**
09:10-09:40	Near IR high resolution spectroscopy of red and reddened stellar populations: state of the art and new challenges **Livia Origlia**
09:40-09:55	WINERED at ESO/NTT as a stepping stone for E-ELT **Giuseppe Bono**
09:55-10:10	Dissecting the Galaxy via NIR spectroscopy of young Cepheids **Laura Inno**
10:10-10:25	NIR Diffuse Interstellar Bands as tracers of interstellar cloud mapping and physical and chemical properties **Meriem Elyajouri**
10:30-11:00	**COFFEE BREAK**
11:00-11:30	**ESA REPORT - ARVIND PARMAR**
11:30-12:00	**ESO REPORT - ROB IVISON**
12:00-12:30	**PLENARY 5 - NORBERT WERNER**
12:30-12:45	**CLOSING CEREMONY**
13:00-14:00	**LUNCH**
14:00-14:15	Resolving structure and kinematics of B[e] supergiant stars' hot molecular environments **Michaela Kraus**
14:15-14:30	CRIRES-POP: A spectroscopic atlas of the A7 Ib supergiant iota Carinae **Matthias Kondrak**
14:30-15:00	GIARPS: the unique VIS-NIR high precision radial velocity facility in this world **Riccardo Claudi**
15:00-15:15	Radial velocities results from NIR spectroscopy **Ilaria Carleo**
15:15-15:30	**Short poster presentations**
15:30-16:00	**COFFEE BREAK**
16:00-16:30	The CARMENES Instrument and M Dwarf Survey **Andreas Quirrenbach**
16:30-16:45	Effects of pulsations on time-series spectroscopy of M dwarfs and their implications for exoplanet searches **Cristina Rodríguez-López**
16:45-17:00	SPIRou at CFHT: Searching for earth-like planets, unveiling the magnetic topology of T Tauri stars and advancing planet formation studies. **Andres Carmona**
17:00-17:30	Summary & Remarks **Nicoletta Sanna**

Posters

S1.1	Atmosphere in a Test Tube: simulating Super Earths' atmosphere in laboratory **Eleonora Alei**	S01
S1.2	Giant planet - brown dwarf frequency at different orbital separations **Szilard Csizmadia**	S01
S1.3	Affordable echelle spectroscopy of the eccentric HAT-P-2, WASP-14, and XO-3 planetary systems with a sub-meter-class telescope **Zoltán Garai**	S01
S1.4	Characterization of cold exoplanets with a direct imaging mission. A perspective **Antonio García Muñoz**	S01
S1.5	Observing with CHEOPS **Kate Isaak**	S01
S1.6	HST's unique detections of dusty debris disks, exoplanets, and their possible rings and moons. **Paul Kalas**	S01
S1.7	Taxonomy of extrasolar systems **Pavel Pintr**	S01
S1.8	Tidal evolution of close-in terrestrial exoplanets **Michaela Walterova**	S01
S2.1	Unveiling the bar signatures on the Milky Way kinematics with Gaia. **Pedro Alonso Palicio**	S02
S2.2	A Database of Accurate Radial Velocity Observations 1977 - 2007 **Johannes Andersen**	S02
S2.3	Dynamical and chemical evolution in the solar neighbourhood **E. Athanassoula**	S02
S2.4	The Hyades cluster: from Hipparcos to Gaia **Jos de Bruijne**	S02
S2.5	New developments in Radio Astrometry, with the next generation of Instruments **Richard Dodson**	S02
S2.6	Project RISARD - linking the EVN and GAIA stellar astrometry **Krzysztof Goździewski**	S02
S2.7	ON THE ORBITAL EVOLUTION AND ORIGIN OF COMET 67P/CHURYUMOV-GERASIMENKO **Rustam Guliyev**	S02
S2.8	The Sco OB2 Association in the Gaia Era **Difeng Guo**	S02
S2.9	Physical Parameters of Be stars via intermediate-band photometry **Nadejda Kaltcheva**	S02
S2.10	The Radio Fundamental Catalogue **Yuri Kovalev**	S02
S2.11	STRUCTURE DELAY IN VLBI DATA PROCESSING **Sergei Kurdubov**	S02
S2.12	STATISTICAL ANALYSIS OF VLBI GLOBAL SOLUTION RESIDUALS **Sergei Kurdubov**	S02
S2.13	Kinematic structures of the Solar neighbourhood revealed by Gaia DR1/TGAS and RAVE **Iryna Kushniruk**	S02

S2.14	Large-scale structures using GAIA DR1 **Irati Larreina**	S02
S2.15	Disentangling the origin of Neutron-capture elements with the Gaia-ESO Survey **Laura Magrini**	S02
S2.16	Variable YSO identification in the Gaia alert system **Gabor Marton**	S02
S2.17	Gaia and Carte du Ciel **Timo Prusti**	S02
S2.18	Locating the Outer Scutum-Centaurus Spiral Arm of the Milky Way **Alberto Sanna**	S02
S2.19	Clusterix 2.0 for Gaia **Enrique Solano**	S02
S2.20	VOSA: A Virtual Observatory SED Analyzer **Enrique Solano**	S02
S2.21	Microlensing events and hunt for black holes in Gaia **Łukasz Wyrzykowski**	S02
S3.1	Comparing simulations and observations in young stellar episodic outbursts **Marc Audard**	S03
S3.2	The formation of fibres in star forming filaments **Seamus Clarke**	S03
S3.3	Large scale gravitational instabilities in galactic disks and the origin of the extended law of star formation **Sami Dib**	S03
S3.4	The Hi-GAL and VIALACTEA projects: surveying the Milky Way to link the molecular cloud morphology to star formation processes **Davide Elia**	S03
S3.5	Where does the [CII] line emission comes from? An investigation with numerical methods **Annika Franeck**	S03
S3.6	Modeling the Luminosity Distribution and CO X-Factor of Embedded Star Clusters **Brandt Gaches**	S03
S3.8	Simulations of massive magnetized dense core collapse **Matthias González**	S03
S3.9	Wrecking the cradle - the impact of young stars on their nascent environment **Matthias Gritschneder**	S03
S3.10	Towards a physically motivated core definition: The Pipe Nebula as seen in Herschel-Planck emission and NIR extinction **Birgit Hasenberger**	S03
S3.11	Accretion driven turbulence in filaments **Stefan Heigl**	S03
S3.12	Spatially resolved mapping of PAH bands across star forming complexes in the Small and Large Magellanic Clouds **Sacha Hony**	S03
S3.13	New Insights into Star Formation in Taurus **Alexander Howard**	S03

Posters

S3.14	SPECTRAL VARIABILITY OF THE HERBIG AE/BE STAR MWC 614 **Nariman Ismailov**	S03
S3.15	The evolution of the simulated and observed star formation rates of galaxies at z ~ 0-8. **Antonios Katsianis**	S03
S3.16	Synthetic observations of molecular clouds in disk galaxy simulations: scaling relations and Kennicutt-Schmidt law **Sergey Khoperskov**	S03
S3.17	A detailed chemistry model for galaxy formation with meshless hydrodynamics **Alessandro Lupi**	S03
S3.18	Comparing simulations and observations of wide binaries **Oleg Malkov**	S03
S3.19	Rotation in young massive star clusters: a hydrodynamical perspective **Michela Mapelli**	S03
S3.20	CO line ratios in molecular clouds: the impact of environment **Camilo Peñaloza**	S03
S3.21	How dense is this cloud: building fast and accurate Voronoi density grid from SPH data **Maya Petkova**	S03
S3.22	Interferometric observations of the protostellar cluster Serpens South over 100 AU to few parsec scales **Adele Plunkett**	S03
S3.23	Modeling spectral line profiles originating in the disks of massive pre-main sequence stars. **Johanna Poorta**	S03
S3.24	The intrinsic problems of interpreting synthetic polarization measurements **Stefan Reissl**	S03
S3.25	Multiple flavours in the recipe of star formation **Florent Renaud**	S03
S3.26	Models of dust scattering and emission in L1512 **Mika Saajasto**	S03
S3.27	Velocity Dispersions in Mid Infrared Neon and Far Infrared [CII] Emission Lines for Starbursts and AGN **Anahit Samsonyan**	S03
S3.28	Synthetic observations of the transition to coherence: the role of turbulence, magnetic fields and initial conditions **Rachael Spowage**	S03
S3.30	Mass - Downsizing may have appear as early as 12.5 Gyr ago in the hierarchical Universe **Romain Thomas**	S03
S3.31	Assessing the Performance of a Machine Learning Algorithm in Identifying Bubbles in Dust Emission **Duo Xu**	S03
S3.32	Exploring the nature of first hydrostatic core candidates with synthetic observations. **Alison Young**	S03

S4.1	NIR HR spectroscopic analysis of Herbig Ae/Be and young massive stars **Nicoletta Sanna**	S04
S4.2	Two Luminous Blue Variable stars with a collimated stellar wind **Claudia Agliozzo**	S04
S4.3	Subphotospheric dissipation in Gamma-ray burst prompt emission, fitting to data yields constraints on possible scenarios. **Björn Ahlgren**	S04
S4.4	Multi-frequency radio linear and circular polarisation monitoring of Fermi AGNs **Emmanouil Angelakis**	S04
S4.5	Particle acceleration and magnetic field amplification in protostellar jets **Anabella Araudo**	S04
S4.6	Probing the emission mechanisms and physical parameters of jets in gamma-ray bursts through studies of the prompt emission **Magnus Axelsson**	S04
S4.7	Neutron star low mass X-ray binaries jets: a polarimetric view **Maria Cristina Baglio**	S04
S4.8	Can blazar flares be triggered by the VHE gamma-rays from the magnetosphere of a supermassive black hole? **Piotr Banasinski**	S04
S4.9	Non-local two-dimensional leptonic jet model for the persistent emission from AGNs **Piotr Banasinski**	S04
S4.10	Probing the Jet Structures of Radio-loud AGNs through Multiwavelength Variability Studies **Gopal Bhatta**	S04
S4.11	The chemical enrichment in the hot-corino HH212 in Orion: jets, winds, and accretion shocks **Eleonora Bianchi**	S04
S4.12	On the outflow's activity, brightness variability and polarization profiles of binary stars with compact objects **Daniela Boneva**	S04
S4.13	Ideal self similar MHD flow around Kerr Black hole. **Loïc Chantry**	S04
S4.14	Models of multiscale backflows from AGN jets **Salvatore Cielo**	S04
S4.15	Recent outflows from Sgr A* revealed by X-ray observations **Jorge Cuadra**	S04
S4.16	Radio observations of the microquasar Cygnus X-3 during the giant flare in September 2016 **Elise Egron**	S04
S4.17	AGN feedback and its effect on baryon properties in the L-Galaxies semi-analytical model of galaxy formation. **Benoit Fournier**	S04

Posters

S4.18	Recollimation shocks in transverse stratified jets, a new paradigm for radio-loud AGN **Olivier Hervet**	S04
S4.19	Particle acceleration by an induced electric field near a rotating black hole **Vladimir Karas**	S04
S4.20	Acceleration of charged particles in vicinity of black hole immersed into external magnetic field **Martin Kološ**	S04
S4.21	Mass outflow from the symbiotic star AG Draconis during its 2016 outburst **Emil Kundra**	S04
S4.22	The energy distribution of electrons in radio jets **Nikolaos Kylafis**	S04
S4.23	Evidence for an outflow in the plane of the AGN torus in NGC 1386 **Davide Lena**	S04
S4.24	Accretion-jet-star formation connections in black holes of all mass scales **Felix Mirabel**	S04
S4.25	The Role of Accretion Disks in Non-Magnetic CVs and Connections with Transient Jets **Michele Montgomery**	S04
S4.26	Proper motion of spectrally separated structures in the jets from YSO's **Tigran Movsessian**	S04
S4.27	Radiative and mechanical feedback at work **Andrea Negri**	S04
S4.28	Modelling non-dissociative shock waves in interstellar medium **Aleksandr Nesterenok**	S04
S4.29	Kanobili MW LT monitoring of TeV blazars **Marina Nikolashvili**	S04
S4.30	The relativistic jets non-equipartition parameters implied by the observed brightness temperatures **Elena Nokhrina**	S04
S4.31	Probing the circumstellar matter distribution around the cool giants in quiet symbiotic stars **Natalia Shagatova**	S04
S4.32	Transient jets and enhanced wind from white dwarfs during outbursts of symbiotic stars. **Augustin Skopal**	S04
S4.33	Connection between jets and accretion flows in Cyg X-1 and Cyg X-3 **Andrzej Zdziarski**	S04
S4.34	Episodic jet in black hole X-ray binary: role of black hole spin or accretion flow? **Hui Zhang**	S04
S5.1	Velocity Structure in the Monoceros Region: A TGAS analysis. **Emilio J. Alfaro**	S05
S5.2	Modelling feedback from massive stars in clusters using Monte Carlo Radiation Hydrodynamics **Ahmad Ali**	S05
S5.3	Maximal starbursts at high-redshift **Itziar Aretxaga**	S05

S5.4	Characterizing clump formation in stellar wind collisions **Diego Calderón**	S05
S5.5	Violent star-forming processes in interacting galaxies **Verónica Firpo**	S05
S5.6	LINEAR POLARIZATION OF CLASS I METHANOL MASERS IN MASSIVE STAR-FORMING REGIONS **Ji-hyun Kang**	S05
S5.7	The properties of massive pre-main-sequence stars **Lex Kaper**	S05
S5.8	The impact of density waves on the distribution of supernovae in galaxies **Arpine Karapetyan**	S05
S5.9	Massive Eclipsing Binaries in the Local Group **Michalis Kourniotis**	S05
S5.10	Yellow Hypergiants in M33 **Michalis Kourniotis**	S05
S5.11	On the nature of anomalous reddening of Cygnus OB2 #12 hypergiant **Olga Maryeva**	S05
S5.12	Spectra and feedback from massive star clusters **Varsha Ramachandran**	S05
S5.13	The Key to High-Mass Star Formation as Revealed by Herschel: A New Paradigm? **Alana Rivera-Ingraham**	S05
S5.14	A MALT90 Study of Selected ATLASGAL High-Mass Clumps **Gözde Saral**	S05
S5.15	Colliding interstellar bubbles **Lenka Zychova**	S05
S6.1	Dusty winds as the main source of mid-infrared emission in AGN? **Daniel Asmus**	S06
S6.2	Dusty outflows in AGN: a case study of Circinus **Daniel Asmus**	S06
S6.3	Observational Evidence for large-scale outflows driven by AGN powered radio-jets **Patricia Bessiere**	S06
S6.4	Searching for molecular outflows in hyperluminous infrared galaxies **Diego Calderón**	S06
S6.5	Xray and models of re-orienting AGN jets in galaxy clusters **Salvatore Cielo**	S06
S6.6	Stellar and black hole winds in the Galactic centre **Jorge Cuadra**	S06
S6.7	Results from S7: The Siding Spring Southern Seyfert Spectroscopic Snapshot Survey **Michael Dopita**	S06
S6.8	Feedback by starbursts - the case of the missing link NGC 4700 **Matthias Ehle**	S06

Posters

S6.9	AGN feedback and its effect on baryon properties in the L-Galaxies semi-analytical model of galaxy formation. **Benoit Fournier**	S06
S6.10	Formation of X-type magnetic field structures in galactic halos by cosmic ray-driven galactic winds **Michał Hanasz**	S06
S6.11	Quenching in action: Characterizing the multi-phase outflowing ISM in a distant radio galaxy **Allison Man**	S06
S6.12	Revealing the nature of the broad line region in type 1 LINERS **Isabel Marquez Perez**	S06
S6.13	Parameters of environment of Mpc-scale radio sources **Alla Miroshnichenko**	S06
S6.14	The effect of AGN feedback on the interstellar medium of early-type galaxies: 2D hydrodynamical simulations of the low-rotation case **Andrea Negri**	S06
S6.15	Outflows from star-forming galaxies probed by Lyman-alpha **Ivana Orlitova**	S06
S6.16	The parameter behind the scene in radio-quiet AGN **Swayamtrupta Panda**	S06
S6.17	Dusty outflows in AGN, an X-ray view **Claudio Ricci**	S06
S6.18	Ionized outflows in recently classified AGNs detected with hard X-ray satellites **Alejandra Rojas**	S06
S6.19	The AGN fueling/feedback cycle: a multi-phase study of a sample of local radio galaxies **Ilaria Ruffa**	S06
S6.20	Molecular gas outflow in the nearby starburst galaxy NGC 1808 detected by ALMA **Dragan Salak**	S06
S6.21	Probing the efficiency of the AGN feedback in young radio-loud sources: the case of PKS1934-63 **Francesco Santoro**	S06
S6.22	Unveiling the feedback processes that regulate Galaxy Evolution through space IR spectroscopy **Luigi Spinoglio**	S06
S6.23	The Last Breath of a Fading, Over-Massive Black Hole: a Test Case for the Importance of AGN-driven Outflows at High Redshift **Benny Trakhtenbrot**	S06
S6.24	A multi-wavelength continuum characterization of high-redshift broad absorption line quasars **Diego Tuccillo**	S06
S6.26	Physical properties and variability of the He I outflow in NGC 4151 **Conor Wildy**	S06
S7.1	The kinematics of barred galaxies. The Milky-Way-like case. **Pedro Alonso Palicio**	S07

S7.2	A VVV view of the inner Galaxy: observing a billion stars. **Javier Alonso-García**	S07
S7.3	Formation of barred galaxies: our Galaxy as a prime example **E. Athanassoula**	S07
S7.4	The spherical distribution of Type Ia supernovae in galaxies **Lilit Barkhudaryan**	S07
S7.5	Observable consequences of the past close Milky Way - Andromeda encounter predicted by the MOND modified gravity theory **Michal Bilek**	S07
S7.6	The origin of the Galactic halo as traced by its globular clusters **Julio Carballo-Bello**	S07
S7.7	Peculiar kinematics of galaxies in the Illustris simulation **Ivana Ebrova**	S07
S7.8	Tidally induced bars in dwarfs galaxies on different orbits around a Milky Way-like host **Grzegorz Gajda**	S07
S7.9	Peanut-shaped bulges in edge-on nearby galaxies: a comparison to the Milky Way **Oscar Gonzalez**	S07
S7.10	Mapping the ISM in 3D **Gregory Green**	S07
S7.11	The Intragroup Light around M49 discovered using Planetary Nebulae **Johanna Hartke**	S07
S7.12	The Resolved Radio Continuum Vs Star Formation Rate Relation in Nearby Dwarf Galaxies **Luke Hindson**	S07
S7.13	Formation and evolution of the Milky Way halo — Implication from the r-process abundances — **Yutaka Hirai**	S07
S7.14	Homogeneous Metallicity Estimates of Open Clusters **Nadejda Kaltcheva**	S07
S7.15	Interstellar Extinction toward the Open Cluster NGC 1502 **Nadejda Kaltcheva**	S07
S7.16	New fits to barred galaxies: Structure decomposition and offset bars **Sandor Kruk**	S07
S7.17	Possible Survivors of the First Stars and Where to Find Them **Mattis Magg**	S07
S7.18	Colours and structure of thick disks from ultra-deep imaging **Cristina Martínez-Lombilla**	S07
S7.19	From the Milky Way to the Magellanic Clouds with Gaia parallaxes **Tatiana Muraveva**	S07
S7.20	Photometry and kinematics in a mixer: A combined recipe for evaluating the nature of bulges of nearby galaxies using the CALIFA sample **Justus Neumann**	S07

Posters

S7.21	The Magellanic Clouds: current and future surveys **Florian Niederhofer**	S07
S7.22	Evolution of low-mass dwarfs in the LV and adjacent voids: role of environment **Simon Pustilnik**	S07
S7.23	Morphology of dwarf spheroidal galaxies: from numerical simulations to observations **Jean-Baptiste Salomon**	S07
S7.24	GOTHAM survey: lessons learned from bulge globular clusters and implications to Local Group galaxies **Ivo Saviane**	S07
S7.25	Accurate modelling of the horizontal branch in resolved galaxies: unlocking the secrets of ancient stars **Alessandro Savino**	S07
S7.26	Decoding the stellar fossils of MW ancestors **Raffaella Schneider**	S07
S7.27	Chemo-dynamics of the stellar component of the Cetus dSph **Salvatore Taibi**	S07
S7.28	Investigations of the CNO chemical elements in the Gaia-ESO Spectroscopic Survey **Grazina Tautvaisiene**	S07
S7.29	Globular Cluster Stellar Populations in the Milky Way and Beyond **Christopher Usher**	S07
S7.30	Revealing the Dynamical Histories of Nearby Early-Type Galaxies with Supremassive Black Holes **Li-Chin Yeh**	S07
S7.31	Shell structure in gas-rich mergers of galaxies **Martin Zimandl**	S07
S8.1	Evolution of Star-formaing Dwarf Galaxies in Different Environments: Chemical Properties Perspective **Jiwon Chung**	S08
S8.2	Star formation and non-turbulent flow in the spectacular ram pressure stripped tail of the Coma cluster galaxy D100 **William Cramer**	S08
S8.3	The origin of type I profiles amongst cluster lenticulars **Victor Debattista**	S08
S8.4	Evolution of cluster galaxies based on the faint end of their luminosity function **Florence Durret**	S08
S8.5	Violent Interactions in the Vicinity of M86 **Matthias Ehle**	S08
S8.6	New method of investigation of the alignment of galaxies in clusters **Włodzimierz Godłowski**	S08
S8.7	Luminosity function for sample 6168 galaxy clusters **Włodzimierz Godłowski**	S08

S8.8	Probing Ram Pressure Striping Effect on Galaxies in the Virgo Cluster using VIVA Galaxies **Woong Lee**	S08
S8.10	Stellar ages and magnesium-to-iron ratios in the disks of lenticular galaxies **Olga Silchenko**	S08
S8.13	How the different selection methods of post-starburst galaxies can tell us about their duty cycle **Charlotte Wilkinson**	S08
S9.2	Star clusters in outskirts of the Magellanic Clouds and the Bridge **Monika Sitek**	S09
S10.1	Evolution of Rotation of the Magnetic White Dwarfs in Intermediate Polars **Vitalii Breus**	S10
S10.2	NuSTAR catalogue of thermonuclear X-ray bursts **Jerome Chenevez**	S10
S10.3	On the orbital period of MAXI J1659-152, the shortest in a black hole candidate. **Jesus M Corral-Santana**	S10
S10.4	Long-term monitoring of the fast flaring pulsar A0538-66 with REM **Lorenzo Ducci**	S10
S10.5	Wind accretion in SgXB : permanent regime and clumpy winds **Ileyk El Mellah**	S10
S10.6	New Observations of a low-mass X-ray binary system PSR J1023+0038 **Tugce Icli**	S10
S10.7	Bowen emission as a tracer of the outer accretion disc rim size: the case of Aql X-1 **Felipe Jiménez-Ibarra**	S10
S10.8	Optical variation of black hole binary systems V616 Mon and Swift J1753.5-0127 **Dolunay Kocak**	S10
S10.9	Physical properties of the Wolf-Rayet star in the high-mass X-ray binary Cyg X-3 **Karri Koljonen**	S10
S10.10	Determination of the turbulent parameter alpha in the accretion disk of 4U 1543-47 from its viscous evolution during the 2002 outburst. **Galina Lipunova**	S10
S10.11	Evidence for non-thermal emission of V404 Cygni during the June 2015 outburst **Piotr Lubiński**	S10
S10.12	Quasi-periodic high-frequency light variations from spiral gas clouds falling to a black hole **Kotaro Moriyama**	S10
S10.13	Highly Obscured High-Mass X-ray Binary IGR J16318-4848 observed with Hitomi **Hiroshi Nakajima**	S10
S10.14	Resolving a Hard-to-Soft State Transition of Aquila X-1 **Ko Ono**	S10

Posters

S10.15	Low level X-ray variability of the Low-mass X-Ray binary IGR J17091-3624 towards quiescent state **Margarita Pereyra**	S10
S10.16	The appearance of non-spherical systems. Application to LMXB **Agata Rozanska**	S10
S10.17	Improving our knowledge about HMXB donor stars: Next-generation stellar atmosphere models **Andreas Sander**	S10
S10.18	Emission Mechanisms in Quiescent X-ray Binaries **Eda Sonbas**	S10
S10.19	Quasi-periodic oscillations from charged particle around magnetized Kerr black hole **Zdeněk Stuchlík**	S10
S10.20	Shocks in low angular momentum accretion flows as a source of variability of microquasars **Petra Suková**	S10
S10.21	Probing the Accretion Induced Collapse of White Dwarfs in Binary Millisecond Pulsars **Ali Taani**	S10
S10.22	Sub-milliarcsecond Optical Interferometry of HMXBs with VLTI/GRAVITY: the cases of BP Cru and SS 433 **Idel Waisberg**	S10
S10.23	Dynamical constraints on low-mass X-ray binaries using the Bowen fluorescence technique **Louise Wang**	S10
S10.24	Fermi Study of Gamma-Ray binaries **Zhongxiang Wang**	S10
S10.25	A new spectral-timing state in neutron-star low-mass X-ray binaries **Rudy Wijnands**	S10
S10.26	Energy-dependence of Power Spectral States and Origin of X-ray Variability in BH X-ray Binaries **Wenfei Yu**	S10
S10.27	Low Frequency QPOs in BH and NS XRBs: Frequency Evolution during Transient Outbursts **Wenda Zhang**	S10
S11.1	Blast waves from GRB explosions **Andrei Beloborodov**	S11
S11.2	An analysis of the redshift and fluence data collected by the Fermi satellite's GBM and LAT instruments **Levente Borvák**	S11
S11.3	Original investigation of dust in GRB Host galaxies **David Corre**	S11
S11.4	Modelling X-ray beacons in curved space time **Sebastian Falkner**	S11
S11.5	Physical properties of stellar populations in the host galaxy of GRB 100316D obtained with MUSE **Luca Izzo**	S11
S11.6	Non-homogeneities in GRB afterglow light curves **Elena Mazaeva**	S11

S11.7	Precursors of short gamma-ray bursts in the SPI-ACS/ INTEGRAL experiment **Pavel Minaev**	S11
S11.8	Gamma-Ray Bursts at high redshift **Graziella Pizzichini**	S11
S11.9	Estimation of hydrogen column density in Swift GRB hosts **Istvan Racz**	S11
S11.10	Long GRB single frequency light curves due to jets driven by relativistic radiation hydrodynamics in 3D **Francisco Javier Rivera Paleo**	S11
S11.11	Short Gamma Ray Bursts: The variability time scales in the Black Hole – Neutron Star Merger. **Konstantinos Sapountzis**	S11
S11.12	Analysis of gamma-ray burst duration distribution using mixtures of skewed distributions **Mariusz Tarnopolski**	S11
S11.13	Thermal components in the early X-ray afterglows of gamma-ray bursts: a possible signature of supernovae? **Vlasta Valan**	S11
S11.14	Multi-messenger challenges addressed by ASTERICS **Rob Van Der Meer**	S11
S11.15	Multicolour modelling of SN 2013dx associated with GRB 130702A **Alina Volnova**	S11
S12.1	Optical Counterparts of an Ultraluminous X-Ray Source in NGC 2500 **Nazım Aksaker**	S12
S12.2	Complex variability and evidence of two-zone disk emission in NLS1 galaxy Mrk 493. **Kirsten Bonson**	S12
S12.3	Results from the use of the relativistic and slim disc model SLIMULX in XSPEC **Maria D. Caballero-Garcia**	S12
S12.4	A massive binary system can feed Sgr A* **Diego Calderón**	S12
S12.5	Bursty AGN in compact galaxies, from 3D simulations **Salvatore Cielo**	S12
S12.6	Tidal disruption events from different kinds of astrophysical objects **Aurora Clerici**	S12
S12.7	The effect of AGN feedback in the migration timescale of super massive black holes binaries **Luciano Del Valle**	S12
S12.8	ULX Holl X-1: kinematic evidence of its escape from a cluster **Oleg Egorov**	S12
S12.9	Dust formation in the Active Galactic Nucleus of NGC 4151 **Johannes Esser**	S12
S12.10	Constraining the mass of accreting black holes in ultraluminous X-ray sources with ultrafast outflows **Davide Fiacconi**	S12

Posters

S12.11	Blazar candidates at very high redshifts: are they all blazars? **Sándor Frey**	S12
S12.12	Optical counter-parts of ultra-luminous X-ray sources in nearby spiral galaxies: kinematics of the ionized gas and multi-wavelength images **Isaura Fuentes-Carrera**	S12
S12.13	A sharp radio look at the most distant gamma-ray blazars **Krisztina Gabányi**	S12
S12.14	Exploring various corona geometries and their emissivity profiles **Adam Gonzalez**	S12
S12.15	Testing AGN unification at low redshift with the Galaxy And Mass Assembly (GAMA) survey **Yjan Gordon**	S12
S12.16	Unbiased search for TDEs in OGLE and Gaia surveys **Mariusz Gromadzki**	S12
S12.17	Modified viscosity in accretion disks **Mikołaj Grzędzielski**	S12
S12.18	Accretion of supersonic winds onto black holes in 3D **Francisco S. Guzman**	S12
S12.19	The rapid fade and rise of the unique changing-look AGN Mrk1018 **Bernd Husemann**	S12
S12.20	Determination of the coronal properties of luminous quasars at cosmological redshifts **Elias Kammoun**	S12
S12.21	The X-ray stable emission in MCG-6-30-15 **Elias Kammoun**	S12
S12.22	A new type of highly energetic transients associated with Seyfert galaxies **Erkki Kankare**	S12
S12.23	An extended analysis of the spectral states of NGC 4151 **Martiros Khurshudyan**	S12
S12.24	Reprocessed and non-thermal components in the spectra of NGC 2110 **Martiros Khurshudyan**	S12
S12.25	Hydrodynamical high performance simulations of an accretion disk surrounding a supermassive black hole and its interactions **Fabian Klein**	S12
S12.26	A New Possible Accretion Scenario to Explain Ultra Luminous X-ray Sources **Shogo Kobayashi**	S12
S12.27	Toroidal configurations of perfect fluid in the braneworld Reissner-Nordström-(anti-)de Sitter spacetimes with a negative tidal charge. **Hana Kučáková**	S12
S12.28	X-ray Emission in IR Luminous Major Mergers **Nora Loiseau**	S12
S12.29	NIR counterparts to ULXs **Kristhell Marisol Lopez**	S12

S12.30	Tidal stripping of binary stars by massive black holes **Alessandro Lupi**	S12
S12.31	Multi-wavelength campaign on NGC 7469: The broad-band X-ray spectrum **Riccardo Middei**	S12
S12.32	The two primary X-ray continua and their variability in SWIFT J2127.4+5654 **Katsuma Miyake**	S12
S12.33	Transient iron fluorescence in Ark 120: new insights on the AGN disk/coronal system **Emanuele Nardini**	S12
S12.34	The Accretion State of the Seyfert NGC 3516 Revealed by Simultaneous X-ray and Optical Monitoring **Hirofumi Noda**	S12
S12.35	Quasar Main Sequence: Does the maximum disk temperature drive Eigenvector 1? **Swayamtrupta Panda**	S12
S12.36	Accreting periods of Kerr SMBHs in AGNs: hints in multiple accreting structures **Daniela Pugliese**	S12
S12.37	X-ray coronae and accreting SMBHs **Claudio Ricci**	S12
S12.38	Multi-phase environment of compact galactic nuclei **Agata Rozanska**	S12
S12.39	Long-term spectral/timing changes in Swift J1357.2-0933 reveal an evolving jet in quiescence **David Russell**	S12
S12.40	INTEGRAL Observations of V404 Cyg during the June 2015 outburst **Celia Sanchez-Fernandez**	S12
S12.41	Reverberation Mapping Quasars: X-ray and broadband SED properties **Torben Simm**	S12
S12.42	AGN spectral states from simultaneous UV and X-ray observations with XMM-Newton **Jiri Svoboda**	S12
S12.43	MoCA: A Monte Carlo code for Comptonization in Astrophysics **Francesco Tamborra**	S12
S12.44	NuSTAR spectral analysis of the two bright Seyfert 1 galaxies: MCG +8-11-11 and NGC6814. **Alessia Tortosa**	S12
S12.45	New Constraints on the Accretion Rates and Radiative Efficiencies of the Highest-Redshift and Most Massive Active SMBHs **Benny Trakhtenbrot**	S12
S12.46	Long-term Spectral Variability of the Ultra-luminous X-ray source Holmberg IX-X1 **Jithesh Vadakkumthani**	S12
S12.47	From the first stars to the first SMBHs **Rosa Valiante**	S12
S12.48	The rapid growth of black holes in the early Universe **Rosa Valiante**	S12

Posters

S12.49	Spectral State Transitions in X-ray Binaries at Extreme Luminosities **Wenfei Yu**	S12
S12.50	Polarized NIR-excess sources near the Galactic centre: theory vs. observations **Michal Zajacek**	S12
S12.51	Inferring radiative efficiency of ULXs from X-ray luminosity function **Wenda Zhang**	S12
S12.52	Relativistic line reverberation mapping in tidal disruption events **Wenda Zhang**	S12
S13.1	The LISA Pathfinder Science Archive **Michele Armano**	S13
S13.2	Gaussian Processes and Gravitational Wave Sources - Emulating Populations of Compact Object Binaries **Jim Barrett**	S13
S13.3	Growing massive black holes via super-critical accretion of stellar mass seeds **Alessandro Lupi**	S13
S13.4	Precision Pulsar Timing at the DSN **Walid Majid**	S13
S13.5	Sensing crosstalk in LISA Pathfinder **Gudrun Wanner**	S13
S14.1	Measuring the metallicity of galaxies using machine learning **Viviana Acquaviva**	S14
S14.2	Understanding brightness variations of Sun-like stars on the timescale of stellar rotation **Eliana M. Amazo-Gomez**	S14
S14.3	Visualization and exploration of the a billion stars in the Jupyter Notebook **Maarten Breddels**	S14
S14.4	QSFit: Automatic analysis of optical AGN spectra. **Giorgio Calderone**	S14
S14.5	Processing Gaia's Billion Stars in CNES, a Big Data Story **Laurence Chaoul**	S14
S14.6	Stellar chemical tagging using phylogenetic trees **Klemen Čotar**	S14
S14.7	On the realistic validation of photometric redshifts, or why Teddy will never be Happy **Rafael De Souza**	S14
S14.8	Unsupervised classification in high dimension **Didier Fraix-Burnet**	S14
S14.9	Exploring the spectroscopic diversity of type Ia supernovae with DRACULA: a machine learning approach **Emille Ishida**	S14
S14.10	Optimal and fast Wiener filtering of CMB maps without preconditioning **Doogesh Kodi Ramanah**	S14
S14.11	Adapting meteor databases to applied research **Svitlana Kolomiyets**	S14

Posters

S16.5	Heterodyne receivers in space: lessons learned from Herschel/HIFI **David Teyssier**	S16
S16.6	The Legacy Herschel Science Archive **Eva Verdugo**	S16
SS1.1	A role of Open Access Publishing in astronomy on the basis the Open Astronomy journal. **Ewa Chmielewska**	SS01
SS1.2	IAU South West and Central Asian ROAD and European Eastern partnership in astronomy: collaboration in research, education and public outreach **Areg Mickaelian**	SS01
SS1.3	Ground-based optical observations for space missions **Grazina Tautvaisiene**	SS01
SS2.1	Pulsations in blue supergiants - the case of ρ Leo **Anna Aret**	SS02
SS2.2	Variability time-scales in hot supergiants - are they stable? The case of PU Gem (B3 Ia). **Anna Aret**	SS02
SS2.4	Study of Blazars Utilizing CCD Cameras and Medium Size Telescopes **Omar Kurtanidze**	SS02
SS2.5	Spectral observations and researches of the comets C/2014 Q2 (Lovejoy) and C/2013 US10 (Catalina) **Vasyl Ponomarenko**	SS02
SS2.6	The impact of 1-m class telescopes on our understanding of classical pulsators' dynamics **Radoslaw Smolec**	SS02
SS2.7	The CatVar project: long-term eclipse timing of cataclysmic variables **Marek Wolf**	
SS3.1	Engaging General Education Undergraduates in Research to Generate a Product **Patrick Joiner**	SS03
SS3.2	Black holes and neutron stars as an exciting tool for teaching physics of extreme gravity **Vladimir Karas**	SS03
SS3.3	Working to understand the Blazhko effect in RR Lyrae **Matthew Melendez**	SS03
SS4.1	Studying tidal effects in planetary systems with Posidonius **Sergi Blanco-Cuaresma**	SS04
SS4.2	A dispersion delay of extraterrestrial lightning radio waves study as probe of interplanetary medium. **Krystyna Mylostna**	SS04
SS5.1	ATOM-RYDBERG ATOM PROCESSES IN SOLAR ATMOSPHERES **Milan Dimitrijević**	SS05
SS5.2	NEW DATA ABOUT LONG-TERM CHANGES OF SOLAR ACTIVITY **Volodymyr Efimenko**	SS05
SS5.3	Electron acceleration in the solar corona and chromosphere by sub-Dreicer electric fields **Yuriy Tsap**	SS05

SS6.1	X-ray bounds on the r-mode amplitude in millisecond pulsars **Tolga Guver**	SS06
SS6.2	A catalogue of thermonuclear X-ray bursts observed by NuSTAR **Jerome Chenevez**	SS06
SS7.1	Probing exoplanet atmospheres with CARMENES **F. Javier Alonso-Floriano**	SS07
SS7.3	Near IR lines of O I as indicators of Be star activity **Lubomir Iliev**	SS07
SS7.4	Deriving spectroscopic stellar parameters of cool stars from the visible and near-infrared CARMENES spectra **David Montes**	SS07
SS9.1	Modelling molecular cloud evolution in different environments **Simon Glover**	SS09
SS10.1	Constraining the wind properties of the Wolf-Rayet stars in the Galactic centre using the diffuse X-ray emission **Jorge Cuadra**	SS10
SS10.2	Physical properties of Galactic O-type giants and the weak wind problem **Elisson de Almeida**	SS10
SS10.3	New Solutions to Line-Driven Winds in Hot Massive Stars **Alex Gormaz-Matamala**	SS10
SS10.4	Quantitative Spectroscopic Analysis of O stars in the IACOB+OWN project: Towards the empirical characterization of the stellar wind in 300 Galactic O-type stars **Gonzalo Holgado**	SS10
SS10.5	How well do we understand the wind properties of FS~CMa class of the B[e] stars? **D. Korcakova**	SS10
SS10.6	Hot star wind mass-loss rate predictions from global CMF models **Jiří Krtička**	SS10
SS10.7	The wind of the LBV-WR Star GR 290 **Olga Maryeva**	SS10
SS10.8	Classification of LBV-star candidates in the Andromeda galaxy **Olga Sholukhova**	SS10
SS10.9	Modelling bow-shock waves as tracers of the environment and stellar outflows near the Galactic Centre **Michal Zajacek**	SS10
SS11.1	Physical and numerical instabilities in simulations of radiatively cooling supernova shocks in the interstellar medium **Dmitry Badin**	SS11
SS11.3	The manifold nature of AGN feedback from 3D simulations **Salvatore Cielo**	SS11

Posters

SS11.4	Formation of kinematically distinct stellar components in galaxies **Lodovico Coccato**	SS11
SS11.5	The MUSE view of He 2-10: no accreting Black Hole but a sparkling starburst **Giovanni Cresci**	SS11
SS11.6	New fully empirical calibrations of strong-line metallicity indicators in star-forming galaxies **Mirko Curti**	SS11
SS11.7	Gas kinematics of void galaxies: searching for evidences of gas accretion **Oleg Egorov**	SS11
SS11.8	Quasar and radio mode AGN feedback: A benchmark study of AGN at a single cosmic epoch **Eleni Kalfountzou**	SS11
SS11.10	A GMOS-N IFU study of the central H II region in the blue compact dwarf galaxy NGC 4449: Kinematics, Nebular Metallicity and Star-Formation **Nimisha Kumari**	SS11
SS11.11	Deriving the ISM properties of two Seyfert galaxies by modelling their CO Spectral Line Energy Distribution **Matilde Mingozzi**	SS11
SS11.12	Lyman-alpha as a probe of galaxy structure and kinematics **Ivana Orlitova**	SS11
SS11.13	Sub-kiloparsec MUSE view of z~1 strongly lensed galaxies **Vera Patricio**	SS11
SS11.14	Star formation in counter-rotating galaxies. Observations and Simulations **Alessandro Pizzella**	SS11
SS11.15	Star formation and AGN activity in the most luminous LINERs in the local universe **Mirjana Povic**	SS11
SS11.16	On the effective oxygen yield in the disks of spiral galaxies **Anna Saburova**	SS11
SS11.17	North Polar Spur as revealed from infrared and X-ray emission **Yuri Shchekinov**	SS11
SS11.18	Study of correlation between star formation rate and gas and dust parameters in external galaxies **Ksenia Smirnova**	SS11
SS11.19	The Quenching of Galaxies in the Local Universe with SDSS **James Trussler**	SS11
SS11.21	The population of LGRB host galaxies and the use of LGRBs as SFR tracers. **Susanna Vergani**	SS11
SS11.22	The Diversity of Stellar Metallicity Gradients in a Cosmological Context **Yulong Zhuang**	SS11
SS11.23	Gas accretion and star formation in the tightly interacting systems **Anna Saburova**	
SS12.1	Hydrogenated iron nanoparticles: unexplored dust grains **Goranka Bilalbegovic**	SS12

SS12.2	Extinction by interstellar dust: future perspectives **Elisa Costantini**	SS12
SS12.3	The variation of the dust attenuation curve in the nearby Universe. **Marjorie Decleir**	SS12
SS12.4	Unveiling Dusty High-Redshift Galaxies In The HeViCS Field **Darko Donevski**	SS12
SS12.5	Diffuse Interstellar Bands as tracers of interstellar dust properties **Meriem Elyajouri**	SS12
SS12.6	Multi-wavelength study of the IR bubble complex S21, S22, S23, and S24 **Verónica Firpo**	SS12
SS12.7	A near/mid infrared search for ultra-bright submillimetre galaxies: Searching for Cosmic Eyelash Analogues **Susana Iglesias Groth**	SS12
SS12.8	Dust property variations in PGCC fields **Mika Juvela**	SS12
SS12.9	The Planck Catalogue of Thermal Sources **Marcos Lopez Caniego**	SS12
SS12.10	CTB 109: a supernova remnant interacting with a molecular cloud **Minja Mäkelä**	SS12
SS12.11	Interstellar extinction and dust properties from photometric surveys **Oleg Malkov**	SS12
SS12.12	Can SNe experiencing a blowout enrich with dust the ISM around massive stellar clusters? **Sergio Martínez-González**	SS12
SS12.13	Dust Attenuation of Massive Star-Forming Galaxies at z~3 and Beyond **Pascal Oesch**	SS12
SS12.14	Implementing polarization in 3D MCRT codes **Christian Peest**	SS12
SS12.15	The chemical composition of dust in the diffuse ISM through X-ray spectroscopy of the bright LMXB GX9+9 **Ioanna Psaradaki**	SS12
SS12.16	The evolutionary code Pegase.3 for dusty galaxies on 0<z<10 **Brigitte Rocca Volmerange**	SS12
SS12.17	Magnesium in X-rays as a probe for the interstellar silicates in dense environments **Daniele Rogantini**	SS12
SS12.18	Radiative transfer modelling of L1512 **Mika Saajasto**	SS12
SS12.19	Constraints on interstellar dust models from extinction and spectro-polarimetry **Ralf Siebenmorgen**	SS12
SS12.20	Exploring the relations between dust and molecular gas in nearby galaxies **Basilio Solís-Castillo**	SS12

Posters

SS12.21	The dust attenuation law of star-forming galaxies at z>1.5 **Monica Tress**	SS12
SS12.22	High-resolution, 3D radiative transfer modeling of M81 using genetic algorithms **Sam Verstocken**	SS12
SS12.23	Variations of dust properties in a multi-phase, inhomogeneous ISM **Svitlana Zhukovska**	SS12
SS13.1	Nonsymmetric Dynamical Thin-Shell Wormhole **Tayebeh Tahamtan**	SS13
SS13.2	General Relativity Theory: Recognition through Time **Iryna Vavilova**	SS13
SS14.1	Characterising the circum-galactic medium by analysing Lyman-alpha absorbing galaxies **Ramona Augustin**	SS14
SS14.2	Dust reddening and extinction curves towards Gamma-ray bursts at z > 4 **Jan Bolmer**	SS14
SS14.3	The origin of the silicon and iron dust depletions in DLA systems **Lorenzo Gioannini**	SS14
SS14.4	Probing the Galaxies seen in Absorption **Ravi Joshi**	SS14
SS14.5	The mean transmission of the Lyα-forest from the SDSS DR10 quasar spectra **Olena Torbaniuk**	SS14
SS14.6	The CGM traced in absorber-emitter pairs in MUSE QuBES **Martin Wendt**	SS14
SS14.7	The remarkable spectrum of GRB 080810: Signs of outflow and infall in a merging host at z=3.35 revealed by Keck/ HIRES **Philip Wiseman**	SS14
SS15.1	Shedding light on the early Universe with THESEUS **Lorenzo Amati**	SS15
SS15.2	Probing the nature of dark matter using the metal enrichment of the intergalactic medium **Jonas Bremer**	SS15
SS15.3	The assembly of "normal" galaxies at z~7 **Stefano Carniani**	SS15
SS15.4	New insights into the physical properties of low-mass star-forming galaxies: implications for cosmic reionization **Jacopo Chevallard**	SS15
SS15.5	Metal-poor star formation environment affected by feedback from the first stars **Gen Chiaki**	SS15
SS15.6	Formation of Super Massive Star in the early Universe **Sunmyon Chon**	SS15
SS15.7	The Euclid Survey Operations **Xavier Dupac**	SS15

SS15.8	The Ionising Spectrum from the First Star-Forming Galaxies **Thomas Fletcher**	SS15
SS15.9	Defusing the bomb: re-thinking the role of quasars in cosmic reionization **Enrico Garaldi**	SS15
SS15.10	Synthetic nebular emission from massive galaxies: Distinguishing the ionizing sources in primeval galaxies **Michaela Hirschmann**	SS15
SS15.11	A New Statistical Model for Population III Supernova Rates: Discriminating Between ?CDM and WDM Cosmologies **Mattis Magg**	SS15
SS15.12	Investigating the connection between LyC and Lyalpha emission **Francesca Marchi**	SS15
SS15.13	The effect of supernova and AGN feedback on the escape of ionizing radiation from high-redshift galaxies **Maxime Trebitsch**	SS15
SS15.14	Modeling the ultraviolet emission from young galaxies at high redshift **Alba Vidal Garcia**	SS15
SS16.1	New software for variable star detection using CCD photometry **Vitalii Breus**	SS16
SS16.2	Automatic analysis of quasar spectra: the ESPRESSO case **Giorgio Calderone**	SS16
SS16.3	The FluxCompensator: Making Radiative Transfer Models of Hydro-dynamical Simulations Directly Comparable to Real Observations **Christine Koepferl**	SS16
SS16.4	An overview of software packages applicable for the Solar system minor bodies orbital evolution modeling. **Nataliya Kovalenko**	SS16
SS16.5	AsteroModelGenerator: Creating your asteroseismic models and publishing them in the Virtual Observatory. **Jose Ramon Rodon**	SS16
SS16.6	AsteroModelGenerator: Create your asteroseismic models and publish them in the Virtual Observatory. **Jose Ramon Rodon**	SS16
SS16.7	SPARTAN, Maximizing the use of astronomical Data in template fitting **Romain THOMAS**	SS16
SS17.1	Rapidly rotating beta Cep stars observed by BRITE-Constellation **Henryk Cugier**	SS17
SS17.2	BRITE view of Sigma Scorpii, Beta Cephei-type star studied for over a century **Andrzej Pigulski**	SS17
SS17.3	Pulsations in the Blue Supergiant σ Cygni **Sanja Tomić**	SS17

Posters

SS19.1	NIRSpec MOS observations of massive galaxy clusters **Tim Rawle**	SS19
SS19.2	Measuring the escape of ionizing photons from gravitationally lensed galaxies at z > 6 with JWST **Erik Zackrisson**	SS19
SS20.1	Multi-frequency polarimetry of a complete sample of PACO radio sources **Vincenzo Galluzzi**	SS20
SS20.2	An ALMA view of the Frontier Fields **Nicolas Laporte**	SS20
SS21.1	Simulating high redshift galaxy observations: preparing for the JWST/NIRSpec GTO program **Jacopo Chevallard**	SS21
SS21.2	Exploring ESASky **Elena Racero**	SS21

Welcome Cocktail

Monday, 26 June 18.00 – 19.30

The Welcome Cocktail will be served at Občanská Plovárna.
Pre-registration required.

Student Drink

Wednesday, 28 June 19:00 – 22:00

A simple, informal drink will be served for PhD students to allow them to meet each other and exchange their experience. This event will take place at the Boat Cargo Gallery (Rašínovo nábřeží) and is free of charge,
pre-registration is required.

Conference Dinner

Thursday, 29 June 19:30 – 23:00

This year, thanks to a generous financial contribution from the City of Prague and local authorities, the conference dinner will be held at the beautiful Rudolfinum. The event will start with the concert of classical music followed by a gala dinner. Participants can purchase tickets for both parts or only for the concert.
Pre-registration required.

General Information About Prague

Altitude
200m above see level

Climate
Average temperatures in June: 20° C

Currency
Czech Crown (CZK)

Electricity
Voltage 230 Volts – socket converters are available in local shops.

Languages
Official language is Czech, but English is widely spoken.

Population
Prague is the biggest city of the country with 1,280,000 inhabitants

Tipping
Prices in hotels, restaurants, taxi fares etc. include taxes and service. A tip, therefore, is not indispensable, but justified for good service.

List of Sponsors and Exhibitors

Sponsors

Exhibitors

Submit your research to Nature Astronomy

Launched in January 2017 and publishing online monthly, Nature Astronomy aims to bring together astronomers, astrophysicists and planetary scientists. In addition to the latest advances in research, we offer Comment and opinion pieces on topical subjects of relevance to our community, including the societal impact of astronomy and updates on telescopes and space missions.

We are part of a portfolio of journals within Nature Research, which includes Nature, Nature Geoscience, Nature Physics and Nature Communications. Although there is some overlap in scope, each journal is editorially independent and has its own readership. Moreover, although we consider the same astronomical topics as Nature, Nature Astronomy has more space to explore theoretical, methodological and instrumental papers.

NASA/CXC/SAO/R. van Weeren et al.; NCRA/TIFR/GMRT; NAOJ/Subaru. Design: Alex Wing

To find out more about the journal or to submit your research visit:
nature.com/natureastronomy