

EUROPEAN WEEK OF ASTRONOMY AND SPACE SCIENCE

PROGRAMME

4-8 JULY 2016, ATHENS, GREECE



Welcome to Athens

Welcome to the European Week of Astronomy and Space Science (EWASS, formerly JENAM) 2016 in Athens, organized by the European Astronomical Society (EAS), in collaboration with the Hellenic Astronomical Society (Hel.A.S), and the Eugenides Foundation. EWASS is the annual meeting of the EAS. With more than 20 years of tradition, it has established itself as the largest conference for European astronomy. In addition to plenary sessions and the award of prestigious prizes, the conference hosts many symposia held in parallel, as well as special sessions and meetings.

The **EAS**, together with its affiliated societies, organizes the annual **EWASS** conference to stimulate scientific discussions, to enhance its links with national communities, to broaden connections between individual members and to promote European networks. This year, **EWASS** is held for the first time in Athens, Greece and is expected to welcome close to 1000 astrophysicists from all over Europe and beyond. We wish you a fruitful and enjoyable conference!



Table of contents

Committees	.04
Conference venue	.06
Conference map	.07
Practical information	.11
Plenary talks	.13
Prize award talks and ceremonies	.14
Symposia	.15
Special sessions	.16
Programme overview	.17
Symposia and special session rooms	.20
Full scientific programme	.22
Social programme	.74
General information about Athens	.75





Committees

EWASS 2016 is organised by the European Astronomical Society (EAS), in collaboration with the Hellenic Astronomical Society (Hel.A.S), and the Eugenides Foundation.

EAS Organizers

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

EWASS hosting committee

Vassilis Charmandaris Alceste Bonanos Manolis Georgoulis Despina Hatzidimitriou Nick Kylafis Apostolos Mastichiadis Panos Patsis Nektarios Vlahakis

Scientific organizing committee

Susanne Aalto (Sweden), Co-Chair Nick Kylafis (Greece), Co-Chair Arnold Benz (Switzerland) Paola Caselli (Germany) Vassilis Charmandaris (Greece) Andrea Comastri (Italy) Françoise Combes (France) Bozena Czerny (Poland) Maryvonne Gerin (France) Gerry Gilmore (United Kingdom) Rob Ivison (ESO) Johan Knapen (Spain) Michel Mayor (Switzerland) Mark McCaughrean (ESA) Jan Palous (Czech Republic) Dimitra Rigopoulou (United Kingdom) Jean-Luc Starck (France) Jose Vilchez (Spain) Loukas Vlahos (Greece)

Conference venue

EWASS 2016 will be held at the **Eugenides Foundation** and the **Metropolitan hotel**. The venues are located across the street from each other, overlooking both the Acropolis and the Saronic gulf. It is a 15 minute drive from Syntagma Square, the city centre, and from the Piraeus port.

Eugenides Foundation Leoforos Siggrou 379 Paleo Faliro 175 64 Athens, Greece

Metropolitan Hotel Leoforos Siggrou 385 Paleo Faliro 175 64 Athens, Greece

How to reach the venue

There is no metro station near the venue, but the following bus lines serve the Eugenides Foundation:

- B2, 550, E2, E22 (Onaseio stop)
- A2 (lasonos stop)
- 126 (Trapeza stop)

You may use any of these lines from the Syngrou-Fix metro station, which is close to the suggested hotels (besides the Metropolitan). From there, it is about a 10-minutes bus ride to the venue.

Conference Map



CONFERENCE MAP

CONFERENCE MAP

Conference Map

EUGENIDES FOUNDATION









Conference Map

EUGENIDES FONDATION LEVEL 1 / EXHIBITION



5 Meeting room SPRINGER IAU Conference Hall SKA EAS Amphitheatre M M \mathcal{N} M ESO ESO \leq ESA ASTERICS CUP

CONFERENCE MAP

Conference Map

METROPOLITAN HOTEL









Practical Information

Certificate of Attendance

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

Invoices

Invoices are delivered at the registration desk and after the conference upon request only (ewass2016@kuoni.com) at no charge.

Registration & Accommodation Desk

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

Sunday 3 July	16.00 - 20.00
Monday 4 July	08.00 - 18.00
Tuesday 5 July	08.00 - 18.00
Wednesday 6 July	08.00 - 18.00
Thursday 7 July	08.00 - 18.00
Friday 8 July	08.00 - 14.00

Registration fee for participants includes:

Admission to the scientific sessions, conference documents including: badge, final programme, all lunches and coffee breaks and access to the exhibition area and to the welcome reception.

Registration fee for participants does not include:

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

Practical Information

Name Badge

Conference badges must be worn at all times during conference 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

Lunch is included in the registration fee and will take place everyday from 12:45 – 15:00 at Eugenides Foundation and at the Metropolitan Hotel.

Wi-Fi

Wireless internet will be available in the venues. Passwords will be provided at the registration desks.

Contact Conference Secretariat

Kuoni Global Travel Services AG Phone: +41 58 702 67 96 Mobile phone: +41 771 07 54 e-mail: **ewass2016@kuoni.com**

Plenary Talks

Monday, 4 July at 09.45

"From globular clusters to the Hubble deep fields: first science impact of MUSE, the ESO VLT Multi Unit Spectroscopic Explorer."

Roland Bacon, CRAL, Lyon, France

Tuesday, 5 July at 15.00

"Multiple Stellar Populations in Globular Clusters - Observational breakthroughs and theoretical challenges"

Corinne Charbonnel, Department of Astronomy, University of Geneva, Geneva, Switzerland

Tuesday, 5 July at 15.30

"Observing galaxy formation and evolution: successes and open issues"

Emanuele Daddi, CEA/Saclay, Gif-sur-Yvette, France

Thursday, 7 July at 10.15

"The Galactic Center Black Hole: a Quest"

Reinhard Genzel, Max Planck Institute for Extraterrestrial Physics, Garching, Germany

Friday, 8 July at 11.15

ESA Report

Luigi Colangeli

Friday, 8 July at 11.45

ESO Report

Friday, 8 July at 12.15

"Black Holes at Large: extreme astrophysics around stellar-mass black holes "

Rob Fender, University of Oxford, UK

Prize Award Talks and Ceremonies

Monday, 4 July at 10.15, Lodewijk Woltjer Lecture

The 2016 Lodewijk Woltjer Lecture is awarded to *Thibault Damour*, Institut des Hautes Etudes Scientifiques, France.

Tuesday, 5 July at 16.00, Tycho Brahe Prize

The 2016 **Tycho Brahe Prize** is awarded to *Joachim Trümper*, Max Planck Institute for Extraterrestrial Physics, Germany

Wednesday, 6 July at 15.00, MERAC Prize in Theoretical Astrophysics

The 2016 **MERAC Prize in Theoretical Astrophysics** is awarded to *Maria Petropoulou*, Purdue University, West Lafayette, USA.

Wednesday, 6 July at 15.30, MERAC Prize in Observational Astrophysics

The 2016 **MERAC Prize in Observational Astrophysics** is awarded to *Yingjie Peng*, The Kavli Institute for Astronomy and Astrophysics at Peking University, China

Wednesday, 6 July at 16.00, MERAC Prize in New Technologies

The 2016 **MERAC Prize in New Technologies** is awarded to *Oliver Pfuhl*, Max Planck Institute for Extraterrestrial Physics, Germany

SPECIAL PLENARY SESSIONS

Thursday, 7 July at 9.15 EAS General Assembly

Wednesday, 6 July at 14.15

"Memorial to Francesco Palla". Filippo Mannucci & Daniele Galli

SYMPOSIA

Symposia

Symposium S1: On the threshold of 1st Gaia Data - the Gaia Research for European Astronomy Training (GREAT) network science symposium. Contact person: Anthony Brown

Symposium S2: Understanding CMB polarization foregrounds - clearing the path to inflationary B-modes. Contact person: Konstantinos Tassis

- Symposium S3: MUSE first year science and beyond. Contact person: Joel Vernet
- Symposium S4: Future prospects for far-infrared space astrophysics. Contact person: Darek Lis
- Symposium S5: How galaxies live and die: the onset and end of star formation across cosmic time. Contact persons: M. Huertas-Company, M. Symeonidis, V. Gonzalez-Perez
- Symposium S6: Exploring the outskirts of galaxy clusters. Contact person: Stefano Ettori
- Symposium S7: X-rays from AGN: looking into the central engine. Contact person: lossif Papadakis
- Symposium S8: Interstellar dust and gas coupling: linking observations, models and laboratory astrophysics. Contact person: Stephanie Cazaux
- Symposium S9: The dynamics of star and planet formation. Contact persons: Kanaris Tsinganos, Nick Wright
- Symposium S10: Probing the new frontiers with cluster lenses. Contact person: Mathilde Jauzac
- Symposium 11: Gamma-ray bursts: recent theoretical models and observations. Contact persons: Ioannis Contopoulos, Sam Oates
- Symposium 12: Stellar and AGN feedback in galaxies: a multi-wavelength perspective of outflows. Contact person: Cristina Ramos Almeida
- Symposium 13: High and very-high energy gamma-ray astronomy: status and future. Contact person: Javier Rico
- Symposium 14: New classes and unique events in time domain astronomy. Contact persons: Giorgos Leloudas, Chris Copperwheat
- Symposium 15: Exploring pulsar formation, evolution and magnetic field: from low mass X-ray binaries to magnetars. Contact persons: Konstantinos Gourgouliatos, Luciano Burderi
- Symposium 16: Frontiers of massive-star evolution and core-collapse supernovae. Contact persons: Jose Groh, Cosimo Inserra
- Symposium 17: Magnetic helicity in sun and stars: from dynamo action to eruptive phenomena. Contact person: Manolis Georgoulis

SPECIAL SESSIONS

Special Sessions

- Special Session 1: The Square Kilometre Array observatory: current status and science program. Contact person: Robert Braun
- Special Session 2: Solar-terrestrial coupling and space weather: state-of-the-art and future prospects. Contact person: Spiros Patsourakos
- Special Session 3: Evolved stars at high angular resolution. Contact person: Matthias Maercker
- Special Session 4: Planning the large spectroscopic surveys with the next generation of european highmultiplex spectroscopic survey instruments. Contact person: Sofia Feltzing

Special Session 5: A multi-messenger view of mergers and multiple supermassive black holes. Contact person: Alessandra De Rosa

- Special Session 6: The life and times of the Milky Way bulge. Contact person: Martin C. Smith
- Special Session 7: The effects of solar and stellar magnetic activity on planets. Contact person: Heidi Korhonen
- Special Session 8: The challenges of multiple stellar populations in globular clusters. Contact person: Anna Marino, Marcella Di Criscienzo
- Special Session 9: Episodic accretion in star formation. Contact person: Marc Audard
- Special Session 10: Nanoradians on the sky: VLBI across the Mediterranean and beyond. Contact person: Zsolt Paragi
- Special Session 11: The interplay between turbulence and micro-physical processes. Contact person: Mayvonne Gerin

Special Session 12: Promoting diversity in astronomy. Contact person: Michelle Furlong

Programme Overview

MONDAY, 4 JULY

Opening Ceremony. Eugenides Foundation- Amphitheater
Plenary Talk 1. Eugenides Foundation-Amphitheater <i>Roland Bacon</i> : From globular clusters to the Hubble deep fields: first science impact of MUSE, the ESO VLT Multi-Unit Spectroscopic Explorer
Lodewijk Woltjer Lecture. Eugenides Foundation- Amphitheater <i>Thibault Damour:</i> GW150914 and the beginning of gravitational wave astronomy
COFFEE
Parallel Sessions
LUNCH
Parallel Sessions
COFFEE
Parallel Sessions

TUESDAY, 5 JULY

09:15-10:45	Parallel Sessions
10:45-11:15	COFFEE
11:15-12:45	Parallel Sessions
12:45-15:00	LUNCH
15:00-15:30	Plenary Talk 2. Eugenides Foundation- Amphitheater <i>Corinne Charbonnel:</i> Multiple Stellar Populations in Globular Clusters - Observational breakthroughs and theoretical challenges
15:30-16:00	Plenary Talk 3. Eugenides Foundation- Amphitheater <i>Emanuele Daddi:</i> Observing galaxy formation and evolution: successes and open issues
16:00-16:30	Tycho Brahe Prize. Eugenides Foundation- Amphitheater <i>Joachim Trümper:</i> Discoveries in the X-ray Sky - a personal recollection
16:30-17:00	COFFEE
17:00-18:30	Parallel Sessions

WEDNESDAY, 6 JULY

09:15-10:45	Parallel Sessions
10:45-11:15	COFFEE
11:15-12:45	Parallel Sessions
12:45-14:15	LUNCH
14:15-15:00	Memorial to Francesco Palla. Eugenides Foundation- Amphitheater. <i>Filippo Mannucci & Daniele Gall</i>
15:00-15:30	MERAC Prize 1. Eugenides Foundation- Amphitheater. <i>Maria Petropoulou:</i> Exploring the properties of astrophysical plasmas: non-linear dynamics, high-energy radiation and beyond
15:30-16:00	MERAC Prize 2. Eugenides Foundation- Amphitheater. <i>Yingjie Peng:</i> Simplicity of the evolving galaxy population and the origin of the Schechter function
16:00-16:30	MERAC Prize 3. Eugenides Foundation- Amphithea- ter. <i>Oliver Pfuhl:</i> High precision astrometry with the GRAVITY interferometer
16:30-17:00	COFFEE

THURSDAY, 7 JULY

09:15-10:15	EAS General Assembly. Eugenides Foundation- Amphitheater
10:15-10:45	Plenary Talk 4. Eugenides Foundation- Amphitheater <i>Reinhard Genzel:</i> The Galactic Center black hole: a quest
10:45-11:15	COFFEE
11:15-12:45	Parallel Sessions
12:45-15:00	LUNCH
15:00-16:30	Parallel Sessions
16:30-17:00	COFFEE
17:00-18:30	Parallel Sessions

FRIDAY, 8 JULY

09:00-10:45	Parallel Sessions
10:45-11:15	COFFEE
11.15-11.45	ESA Report. Eugenides Foundation- Amphitheater
11.45-12.15	ESO Report. Eugenides Foundation- Amphitheater
12.15-12.45	Plenary Talk 5 . Eugenides Foundation- Amphitheater Rob Fender: Black holes at large: extreme astrophysics around stellar-mass black holes
12.45-13.00	Closing Ceremony. Eugenides Foundation- Amphitheater
13:00-15:00	LUNCH
15:00-16:30	Parallel Sessions
16:30-17:00	COFFEE
17:00-18:30	Parallel Sessions

All Symposia and Special Sessions

• •

S1	On the Threshold of the First Gaia Data - the GREAT Network Science Symposium	Chios (M)	Monday - Wednesday
S 2	Understanding CMB Polarization Foregrounds - Clearing the Path to Inflationary B-modes	Meeting Room (E)	Monday -Tuesday
S 3	MUSE first year science and beyond	Rodos (M)	Monday -Wednesday
S4	Future Prospects for the Far-Infrared Space Astrophysics	Conference Hall (E)	Tuesday -Thursday
S 5	How galaxies live and die: the onset and end of star formation across cosmic time	Amphitheater (E)	Wednesday - Friday
S6	Exploring the outskirts of galaxy clusters	Ballroom (E)	Monday -Tuesday
S7	X-rays from AGN: looking into the central engine	Rodos (M)	Thursday - Friday
S8	Interstellar dust and gas coupling: liking observations, models and laboratory astrophysics	Corfu I (M)	Thursday - Friday
S9	The dunamics of star and nlanet formation	Chios (M)	Wednesday
		Delos (M)	Thursday - Friday
S10	Probing the New Frontiers with Cluster Lenses	Corfu II (M)	Wednesday - Thursday
S11	Gamma-ray bursts: recent theoretical models and observations	Delos (M)	Monday - Tuesday
S12	Stellar and AGN feedback in galaxies: a multi-wavelength perspective of outflows	Amphitheater (E)	Monday - Tuesday
S13	High and Very-High Energy Gamma-ray Astronomy: status and future	Corfu II (M)	Monday - Tuesday
S14	New Classes and Unique Events in Time Domain Astronomy	Corfu I (M)	Monday - Tuesday
S15	Exploring pulsar formation, evolution, and magnetic field: from low-mass X-ray binaries to magnetars	Syros I+II (M)	Thursday - Friday

All Symposia and Special Sessions •

S16	Frontiers of massive-star evolution and core-colapse supernovae	Chios (M)	Wednesday - Friday
S17	Magnetic Helicity in Sun and Stars: From Dynamo Action to Eruptive Phenomena	Meeting Room (E)	Thursday - Friday
SS1	The Square Kilometre Array Observatory: Current Status and Science Program	Ballroom (E)	Thursday
SS2	Solar-Terrestrial Coupling and Space Weather: State-of-the-Art and Future Prospects	Syros I+II (M)	Wendesday
SS3	Evolved stars at high angular resolution	Meeting Room (E)	Wednesday
SS4	Planning the large spectroscopic surveys with the next generation of European high-multiplex spec- troscopic survey instruments	Ballroom (E)	Friday
SS5	A multi-messenger view of mergers and multiple supermassive black holes	Corfu I (M)	Wednesday
SS6	The life and times of the Milky Way bulge	Delos (M)	Wednesday
SS7	The effects of solar and stellar magnetic activity on planets	Syrod I+II (M)	Tuesday
SS8	The challenges of multiple stellar populations in globular clusters	Ballroom (E)	Wednesday
SS9	Episodic accretion in star formation	Conference Hall (E)	Monday
SS10	Nanoradians on the sky: VLBI across the Mediterranean and beyond	Corfu II (M)	Friday
SS11	The interplay between turbulence and micro-physical processes	Syros I+II (M)	Monday
SS12	Promoting Diversity in Astronomy	Conference Hall (E)	Friday

(E): Eugenides Foundation (M): Metropolitan Hotel

S1 · First Gaia Data

Metropolitan Hotel-Chios

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	Gaia Status. Timo Prusti
11:45-12:15	Gaia-DPAC: Status and News. Anthony Brown
12:15-12:30	Scientific validation of Gaia DR1. Frédéric Arenou
12:30-12:45	Gaia-GREAT: Status and News. Nicholas Walton
12:45-13:00	Short poster presentations - see separate programme for details
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:15	Statistical validation of Gaia DR1. Jovan Veljanoski
15:15-15:30	Gaia Photometric Processing: what we learned so far. Giorgia Busso
15:30-15:45	Gaia, an all-sky survey for standard photometry. Carme Jordi
15:45-16:00	RR Lyrae and Cepheids in Gaia Data Release 1. Gisella Clementini
16:00-16:15	Unresolved Galaxies with Gaia. Ioannis Bellas-Velidis
16:15-16:30	Radial Velocities from Gaia. Ronny Blomme
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:30	Exploring the ESA Gaia Archive: a billion star catalogue in your hands. Jesus Salgado
17:30-18:00	Gaia archive hands-on scientific session. Alcione Mora
18:00-18:15	The RAVE-TGAS catalogue. Georges Kordopatis
18:15-18:30	Short poster presentations - see separate programme for details

S2 · CMB Polarization Foregrounds

Eugenides Foundation Meeting Room

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	Backgrounds and Foregrounds for CMB B-modes experiments. Carlo Baccigalupi
11:45-12:15	The Physics of Polarized Dust Emission. Brandon Hensley
12:15-12:45	Gravitational lensing as a foreground in B-mode searches for gravitational waves. Anthony Challinor
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	The Planck mission: recent results and data products. Jan Tauber
15:30-16:00	Planck Measurements of Polarized Foregrounds. Charles Lawrence
16:00-16:30	The Planck Astrophysical Sky Model. Ingunn Kathrine Wehus
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:30	Impact on the tensor-to-scalar ratio of foreground mismodelling for next-generation CMB satellites. Mathieu Remazeilles
17:30-18:00	The dust polarized foreground to the CMB. Francois Boulanger
18:00-18:30	Low-frequency component separation and B-mode experiments. Hans Kristian Eriksen

MONDAY, 4 JULY

S3 · MUSE

Metropolitan Hotel- Rodos

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:30	The MUSE view on the dynamics of globular clusters. Sebastian Kamann
11:30-11:45	Spectral analysis of globular cluster stars with MUSE. Tim-Oliver Husser
11:45-12:00	Observing feedback in massive star-forming regions: what MUSE can do for you. Anna Faye Mc Leod
12:00-12:15	3D Snapshots of YSO Jets with MUSE. Emma Whelan
12:15-12:30	Studying nearby Galactic Planetary Nebulae with MUSE: The Saturn Nebula as a practical example. Ana Monreal Ibero
12:30-12:45	MUSE view of the Milky Way Inner Bulge kinematics. Elena Valenti
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:15	The MUSE Atlas of Disks. Carmen Marcella Carollo
15:15-15:30	Determining the growth of stellar mass in bulges and disks from the MAD survey. Martina Fagioli
15:30-15:45	Bulge-Disc Decomposition of Galaxies with MUSE. Evelyn Johnston
15:45-16:00	A MUSE study of the impact of galactic environment on star formation. Kathryn Kreckel
16:00-16:15	Revealing the dawn of galaxy evolution with HCG 91c: environment-triggered star formation activity in galaxy groups. Frédéric P.A. Vogt
16:15-16:30	Short poster presentations - see separate programme for details
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	Using deep MUSE spectroscopy to find the properties of the thick disc in ESO243-49. Sebastien Comeron
17:15-17:30	The nuclear ring in NGC 7742. Johan Knapen
17:30-17:45	Study of the Resonances in the gas and the stellar component of NGC3433. Joan Font
17:45-18:00	The link between dynamical properties and baryonic composition in disk galaxies. Thomas Martinsson
18:00-18:15	Probing the boundary between star clusters and dwarf galaxies: A MUSE view on the internal dynamics and chemistry of Crater. Karina Voggel
18:15-18:30	Cold gas accretion onto a dwarf elliptical. Tom Richtler

S6 · Exploring the outskirts of galaxy clusters

Eugenides Foundation- Ballroom

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
11:15-11:45	COFFEE (FOUNDATION)
11:15-11:45	The impact of the cluster environment on the star formation of infalling galaxies. Matt Owers
11:45-12:00	Halves oranges: Asymmetric star formation as evidence of ram pressure stripping. Paulina Troncoso Iirbarren
12:00-12:15	Neutral hydrogen as a tracer of substructure and accretion onto clusters. Kelley Hess
12:15-12:30	Far and wide: Large scale structures around intermediate redshift galaxy clusters. Pascale Jablonka
12:30-12:45	Beyond the virial radius: The distribution of mass around dark matter halos. Juan Carlos Munoz Cuartas
12:45-13:00	Short poster presentations - see separate programme for details
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	Cluster lensing over large scales. Mathilde Jauzac
15:30-15:45	Ensemble Mass Distribution of Galaxy Clusters from the CLASH Survey. Keiichi Umetsu
15:45-16:00	Dynamical properties of cluster outskirts: present and future of the caustic technique. Ana Laura Serra
16:00-16:30	Studying Cluster Pressure Profiles at Large Radius with Planck and Bolocam. Jack Sayers
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	Constraining the growth rate of galaxy clusters with their external regions. Martina Falco
17:15-17:45	Current Status and Challenges in the characterization of cluster outskirts. Silvano Molendi
17:45-18:00	The XMM Cluster Outskirts Project (X-COP). Dominique Eckert
18:00-18:15	Pressure profiles of distant galaxy clusters in the Planck catalogue. Herve Bourdin
18:15-18:30	Pressure profiles of distant galaxy clusters in the Planck catalogue. Therese Cantwell
18:30-18:45	X-ray micro-calorimeter spectroscopy of the quiet intra-cluster medium in the core of the Perseus Cluster with Hitomi. Aurora Simionescu (for the Hitomi Collaboration)

S11 · Gamma-ray bursts

Metropolitan Hotel- Delos Hall

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	Modelling of short gamma-ray bursts from the ground up. Luciano Rezzolla
11:45-12:00	Central Engine Memory of Gamma-Ray Bursts and Soft Gamma- Ray Repeaters. Binbin Zhang
12:00-12:15	Magnetar Powered Supernova Explosions. Ke-Jung Chen
12:15-12:30	Nucleosynthesis of heavy elements in GRB central engines. Agnieszka Janiuk
12:30-12:45	On the Gamma Ray Burst and gravitational wave association in GW150914. Agnieszka Janiuk
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	Lighting up magnetic jets: 3D instabilities and energy dissipation in relativistic MHD jets. Omer Bromberg
15:30-15:45	Short and Long Gamma Ray Bursts in the proto-magnetar model with quark deconfinement. Alessandro Drago
15:45-16:00	The signature of the Blandford-Znajek mechanism in GRB lightcurves. Ioannis Contopoulos
16:00-16:15	Constraining emission mechanisms in gamma-ray bursts using spectral width. Magnus Axelsson
16:15-16:30	Short poster presentations - see separate programme for details
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	Gamma-Ray Burst: le Roi-Soleil. Pascal Chardonnet
17:15-17:30	Isolated emission episodes (and precursors) in Gamma-ray bursts from Fermi, Swift and BATSE. Maria Charisi
17:30-17:45	Simple waves in relativistic magnetized outflows. Nektarios Vlahakis
17:45-18:00	Signs of magnetic acceleration and multi-zone emission in GRB 080825C. Elena Moretti
18:00-18:15	Observation of early photons of Gamma-ray bursts from UFFO/ Lomonosov. Soomin Jeong
18:15-18:30	Shedding light on the early Universe with THESEUS. Lorenzo Amati

S12 · Stellar and AGN feedback

Eugenides Foundation- Amphitheater

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	Stellar Feedback in Galaxies. Sylvain Veilleux
11:45-12:00	Fast outflows and star formation quenching in quasar host galaxies. Stefano Carniani
12:00-12:15	Resolving starburst-driven molecular outflows with ALMA. Miguel Pereira Santaella
12:15-12:30	Luminosity effects and powerful outflows in quasars as seen from optical and UV emission lines. Paola Marziani
12:30-12:45	Short poster presentations - see separate programme for details
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	The physics of the interaction between mass outflows and the interstellar medium. Daniel Proga
15:30-15:45	The influence of baryonic feedback processes on dark matter haloes: a stochastic model. Jonathan Freundlich
15:45-16:00	The role of feedback and the evolution of the star formation rates of z \sim 1-7 galaxies Antonios Katsianis
16:00-16:15	The symbiotic link between AGN outflows and multiphase gas condensation. Massimo Gaspari
16:15-16:30	Short poster presentations - see separate programme for details
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:30	Molecular Outflows. Kalliopi Dasyra
17:30-18:00	Tracing Galactic Inflows and Outflows: observational constraints or the co-evolution of SMBH and Galaxies". Santiago Garcia-Burillo
18:00-18:15	Galactic fireworks: a new mode of star formation. Roberto Maiolino
18:15-18:30	The outer filaments of Centaurus A. Quentin Salome

S13 · High and very high gamma-ray astronomy

Metropolitan Hotel- Corfu II

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	Ground-Based Observations of the Highest Energy Photons from the Non-Thermal Universe. Brenda Dingus
11:45-12:00	M@TE - Monitoring at TeV Energies. Gagik Tovmassian on behalf of Daniela Dorner
12:00-12:15	Performance studies of the new stereoscopic Sum-Trigger-II of MAGIC. Jezabel R. Garcia
12:15-12:45	Space-based MeV to GeV Instrumentation. Julie McEnery
12:45-13:00	Short poster presentations - see separate programme for details
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:15	The PANGU high-resolution GeV mission proposal. Roland Walter
15:15-16:00	Probing Fundamental Physics with Active Galactic Nuclei. Elisa Pueschel
16:00-16:30	Gamma-Ray Bursts from keV to TeV. Luigi Piro
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	Origin of the gamma-ray emission in AGN jets: the case of 3C 279. Sebastian Kiehlmann
17:15-17:30	A wise view of the gamma-ray sky: on the infrared-gamma-ray connection. Francesco Massaro
17:30-17:45	RoboPol: high cadence optical polarization monitoring of gamma- ray loud and gamma-ray-quiet blazars. Emmanouil Angelakis
17:45-18:00	The debate on blazar light curve periodicity: the case of OJ 287. Stefano Ciprini
18:00-18:15	Optical and radio variability of high-energy BL Lac objects. Talvikki Hovatta
18:15-18:30	The second catalog of flaring gamma-ray sources from the Fermi All-sky Variability Analysis. Matteo Giomi

S14 · Time domaine astronomy

Metropolitan Hotel- Corfu I

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	New perspectives in time domain astronomy: gravitational-wave transients and searching for their electromagnetic signature. Marica Branchesi
11:45-12:00	Integral gamma-ray upper limit on the gravitational wave Gw150914. Carlo Ferrigno
12:00-12:15	How to identify the gravitational wave events from merging stellar mass black binaries like GW150914?. Shuang-Nan Zhang
12:15-12:30	Electromagnetic follow-up of gravitational wave candidates: perspectives and first results on GW150914 of the GRAWITA project. Silvia Piranomonte
12:30-13:00	Multiwavelength Search for Transient Neutrino Sources with IceCube's Follow-up Program. Nora Linn Strotjohann
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	Fast Radio Bursts. Evan Keane
15:30-15:45	Prospects for localization of Fast Radio Bursts. Harish Vedantham
15:45-16:00	A Repeating Fast Radio Burst. Paul Scholz
16:00-16:15	Detection and follow-up of fast radio bursts. Emily Petroff
16:15-16:30	How a collapsing massive neutron star can produce a fast radio burst. Antonios Nathanail
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:30	Tidal Disruption of Stars by Supermassive Black Holes. Sterl Phinney
17:30-17:45	The Unusual Host Galaxies of Tidal Disruption Events. Decker French
17:45-18:00	A Self-Sustaining Black Hole Engine Powered by Frequent Stellar Disruptions. James Guillochon
18:00-18:15	Modeling the Diverse Optical Spectra of Tidal Disruption Events. Nathaniel Roth
18:15-18:30	Un-Beamed Tidal Disruption Events at Hard X-Rays. Roland Walter

SS9 · Episodic accretion

	Edgemacs roundation conterence rian	
	09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
	10:45-11:15	COFFEE (FOUNDATION)
	11:15-11:45	The Burst Mode of Accretion in Primordial Star Formation. Shantanu Basu
	11:45-12:15	Episodic Accretion in Star and Planet Formation. Neal Evans
	12:15-12:45	Outburst mechanisms in FUors and EXors. Eduard Vorobyov
	12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
	15:00-15:15	Signatures of Gravitational Instability in Resolved Images of Protostellar Disks. Ruobing Dong
	15:15-15:30	Spiral-driven accretion in protoplanetary discs. Patrick Hennebelle
	15:30-15:45	Numerical predictions for the kinematics of young FU Ori-type objects. Ben MacFarlane
	15:45-16:15	Disc-Star Interactions During Episodic Accretion. Caroline D'Angelo
	16:15-16:30	Short poster presentations - see separate programme for details
	16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
	17:00-17:30	Observational properties of outbursting sources. Ágnes Kóspál
	17:30-17:45	The 2015 outburst of V1118 Ori . Teresa Giannini
	17:45-18:00	Modeling the chemistry of episodic accretion. Christian Rab
	18:00-18:15	Eruptive variable protostars from VVV. Carlos Contreras
	18:15-18:30	Promising directions in episodic accretion. Marc Audard

Eugenides Foundation- Conference Hall

SS11 · Turbulance and micro-physical processes

Metropolitan Hotel- Syros I+II

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER OPENING CEREMONY AND PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	Coupling turbulence to physical processes in the ISM. Paul Clark
11:45-12:15	Characterization of the ISM structure and its dynamic properties, as seen from external galaxies. Eva Schinnere r
12:15-12:30	21-SPONGE and the thermally-unstable HI in the Milky Way. Snezana Stanimirovic
12:30-12:45	H2 distribution during the formation of multiphase molecular clouds. Patrick Hennebelle
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:15	A small-scale dynamo driven by turbulence in feedback-dominated galaxies as the origin of strong magnetic fields. Michael Rieder
15:15-15:45	The interplay between interstellar matter and magnetic fields from Planck polarization observations. Francois Boulanger
15:45-16:00	Turbulence in magnetic fields: a second view on interstellar linear polarisation fluctuations. Jean-Francois Robitaille
16:00-16:30	What can be learned on turbulence from wide field hyperspectral imaging of molecular clouds. Jerome Pety
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:30	Molecular ions as diagnostics of the ionization fraction and cosmic ray ionization rate. Marcelino Agundez
17:30-17:45	The role of the multiphase structure and turbulence on CH+ abundance. Valeska Valdivia
17:45-18:00	Barnard 1b : a template for star formation studies. Maryvonne Gerin
18:00-18:30	Discussion

TUESDAY, 5 JULY.

S1 · First Gaia Data

Metropolitan Hotel- Chios

09:15-09:30	Photometric Science Alerts from Gaia. Simon Hodgkin
09:30-09:45	GSTEC - the classification machine for Gaia low resolution spectra. Nadejda Blagorodnova
09:45-10:00	Peculiar (nuclear) supernovae: (white dwarf) tidal disruption events? Peter Jonker
10:00-10:15	Stellar and supermassive black holes from Gaia. Lukasz Wyrzykowski
10:15-10:30	Short timescale variables in the Gaia era: detection and characterization by structure function analysis. Maroussia Roelens
10:30-10:45	Solar System objects by Gaia: lessons learned from the daily processing. Paolo Tanga
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:30	Combining Kepler and Gaia data. Valeri Makarov
11:30-11:45	Extragalactic Science with Gaia. Mary Kontizas
11:45-12:00	$\label{eq:constraint} \mbox{Hypervelocity Stars in the GAIA Catalogue}. \mbox{ Tommaso Marchetti}$
12:00-12:15	Synergies between Gaia and ground-based precision radio astrometry. Jan Forbrich
12:15-12:30	Stellar Ages with Gaia and LAMOST. John Vickers
12:30-12:45	Stellar kinematics to study the Galactic warp: from Hipparcos to Gaia. Eloisa Poggio
12:45-13:00	Short poster presentations - see separate programme for details
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:15	The model fitting of Classical Cepheids and RR Lyrae: the impact of GAIA on stellar physics. Marcella Marconi
17:15-17:30	Unlocking the potential of Cepheids as primary distance calibrators through Gaia and optical interferometry. Pierre Kervella
17:30-17:45	Vetting high-accuracy calibrators of the Galactic Leavitt law via radial velocities. Richard I Anderson
17:45-18:00	The VMC survey: Classical Cepheids in the Magellanic system. Vincenzo Ripepi
18:00-18:15	Distance and structure of the SMC from RR Lyrae stars. Tatiana Muraveva
18:15-18:30	The Gaia Red Clump as standard candle: a new empirical calibration. Laura Ruiz-Dern

S2 · CMB Polarization Foregrounds

Eugenides Foundation Meeting Room

09:15-09:45	Preliminary Results of the 2015 SPIDER Flight. Anne Gambrel
09:45-10:15	Small-scale CMB cosmology with ACTPol and AdvACT. Renee Hlozek
10:15-10:45	Latest results of the POLARBEAR experiment, and presentation of future upgrades: POLARBEAR-2 and the Simons Array. Josquin Errard
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	PASIPHAE: Clearing the path to inflationary B-modes through optopolarimetric magnetic tomography. Konstantinos Tassis
11:45-12:15	The C-Band All Sky Survey (C-BASS): Observing diffuse Galactic emission at 5 GHz Moumita Aich
12:15-12:45	Observations of galactic dust polarization in the FIR with the PILOT balloon experiment. Bernard Jean-Philippe
12:45-13:00	Short poster presentations - see separate programme for details
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:30	The S-band Polarisation All Sky Survey (S-PASS): a new view of the radio polarised sky. Ettore Carretti
17:30-18:00	Mitigation of Systematic Errors in CMB Polarisation Experiments. Luca Pagano
18:00-18:30	Microwave measurements of the polarisation of the synchrotron and anomalous dust emissions with the QUIJOTE experiment. Ricardo Genova-Santos

S3 · MUSE

. .

09:15-09:30	ZAP - Enhanced PCA Sky Subtraction for Integral Field Spectroscopy. Kurt Soto
09:30-09:45	Exploring the halos of the most massive galaxies with MUSE. Eric Emsellem
09:45-10:00	Stellar kinematics and population with MUSE: from the local universe to intermediate redshift galaxies. Adrien Guérou
10:00-10:15	The origin of dust in a spheroidal galaxy: a detailed study with MUSE. Kate Rowlands
10:15-10:30	Establishing the formation redshift of the first dynamically cold galaxy discs with MUSE. Dimitri Gadotti
10:30-10:45	Star-forming blobs and ionised gas tails around an early-type galaxy in Abell 2670. Yun-Kyeong Sheen
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:30	GASP: Gas stripping phenomena in galaxies with MUSE. Bianca Poggianti
11:30-11:45	A quantitative look at the ionized gas in the tail of IC3418. Fernando Selman
11:45-12:00	A MUSE view of the Prototype Merger "The Antennae" (NGC 4038/39). Peter Weilbacher
12:00-12:15	Outflows in emission with MUSE: constraints from fluorescent emission around $z\gtrsim 1$ galaxies. Hayley Finley
12:15-12:30	Origin: a method for detecting emission lines in MUSE data. David Mary
12:30-12:45	Short poster presentations - see separate programme for details
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:15	Fishing deep with MUSE: first insights into the dynamics of low- mass galaxies over cosmic time. Thierry Contini
17:15-17:30	Gas metallicity of low-mass galaxies in MUSE deep fields. Leo Michel-Dansac
17:30-17:45	Resolving Metallicity Gradients of intermediate redshift galaxies with MUSE. David Carton
17:45-18:00	A complete census of stellar populations in cluster galaxies at z~0.4 from MUSE data. Amata Mercurio
18:00-18:15	Spatially resolved studies of Diffuse Interstellar Bands in Galaxies outside of the Local Group. Ana Monreal Ibero
18:15-18:30	Mapping Diffuse Interstellar Bands on small scales via MUSE 3D spectroscopy in crowded fields. Martin Wendt

S4 · Far - infrared space atrophysics

Eugenides Foundation- Conference Hall

09:15-09	9:45	The FIR space legacy. Thijs De Graauw
09:45-10	0:15	Galaxy formation and evolution with future FIR instruments. Francoise Combes
10:15-10	0:30	What do we know about the dust emission in massive quiescent galaxies? Allison Wing Shan Man
10:30-10	0:45	Physical properties of low luminosity FIR sources at z<0.5. Cirino Pappalardo
10:45-11	1:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-1	1:30	Large FIR galaxy sample for study of galaxy formation and evolution. Areg Mickaelian
11:30-12	2:00	Interstellar medium and star formation. Javier Goicoechea
12:00-12	2:15	Interstellar shocks: the far infrared perspective. Antoine Gusdorf
12:15-12	2:45	The future of Cosmic Microwave Background observations from space. Jan Tauber
12:45-15	5:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-16	6:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17	7:00	COFFEE (FOUNDATION)
17:00-17	7:15	Scientific drivers for studies of the ISM and star formation with a space FIR telescope. Igor Zinchenko
17:15-17	7:30	FIR emission from hydrogen snowflakes. Mark Walker
17:30-17	7:45	The magnetic field and dust filaments in the Polaris Flare. Ioanna Psaradaki
17:45-18	8:00	Science with Millimetron space observatory. Sergey Pilipenko
18:00-18	8:30	Far infrared observations of evolved stars. Jose Cernicharo

S6 · Exploring the outskirts of galaxy clusters

Eugenides Foundation- Ballroom

09:15-09:45	The X-ray properties of galaxy clusters from numerical simulations. Elena Rasia
09:45-10:00	Evolution of Temperature Profiles in the Outskirts of Galaxy Clusters. Camille Avestruz
10:00-10:30	Constant metallicity in the outskirts of galaxy clusters. Aurora Simionescu
10:30-10:45	Suzaku measurements of the iron-mass-to-light-ratios in the nearby clusters and groups out to the virial radius. Toru Sasaki
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:30	X-ray analysis of the galaxy group UGC03957 beyond R200 with Suzaku. Sophia Thölken
11:30-11:45	The outskirts of the NGC 5044 group. Fabio Gastaldello
11:45-12:00	Are Apparently Relaxed Galaxy Clusters Really Relaxed? Sandor Molnar
12:00-12:15	The perspective of the outskirts of galaxy clusters with the X-IFU/ Athena instrument. Philippe Peille
12:15-12:45	Constraining non-thermal energy in galaxy clusters. Franco Vazza
12:45-13:00	Short poster presentations - see separate programme for details
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:15	Probing plasma turbulence and conduction via the ICM power spectrum and thermodynamic fluctuations. Massimo Gaspari
17:15-17:45	Probing Particle Acceleration in Galaxy Cluster Outskirts. Reinout Van Weeren
17:45-18:00	Extended emission in the peripheral regions of the Shapley Concentration Core. Tiziana Venturi
18:00-18:15	Diffuse non-thermal emission in cluster of galaxies peripheral regions. Gabriele Giovannini
18:15-18:30	Galaxy cluster outskirts through the thermal/non-thermal
S11 · Gamma-ray bursts

Metropolitan Hotel- Delos Hall

09:15-09:30	Lessons from the afterglow emission years after the gamma-ray burst. Dimitrios Giannios
09:30-09:45	Exploring the behaviour of long gamma-ray bursts with intrinsic afterglow correlations. Samantha Oates
09:45-10:00	Explaining the variability in the early afterglow phase with long- lived internal shocks. Astrid Lamberts
10:00-10:15	Challenging the forward shock model with the 80 Ms follow up of the X-ray afterglow of GRB 130427A Massimiliano De Pasquale
10:15-10:30	What the Combo-relation tells us about GRBs? Luca Izzo
10:30-10:45	Short poster presentations - see separate programme for details
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	Cosmic Demographics of Gamma-Ray Burst Host Galaxies. Daniel Perley
11:45-12:00	Relative abundances in DLAs (and the Galaxy): dust depletion, nucleosynthesis, and metallicity. Annalisa De Cia
12:00-12:15	Using GRB afterglows to probe dust in the high redshift Universe. Philip Wiseman
12:15-12:30	Gas kinematics in GRB selected galaxies. Maryam Arabsalmani
12:30-12:45	Properties of the absorption features in the X-shooter GRB afterglow sample. Antonio De Ugarte Postigo
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:30	An Observer's Guide to the Gamma-Ray Burst-Supernova Connection. Zach Cano
17:30-17:45	LGRB and SLSN hosts: similarities, differences and implications for the progenitors. Jure Japelj
17:45-18:00	Are LGRBs biased tracers of star formation? Clues from the host galaxies of the Swift/BAT6 complete sample of LGRBs. Susanna Vergani
18:00-18:15	An IFU look at GRB host galaxies; more metal rich than previously thought. Patricia Schady
18:15-18:30	The Host Galaxies of Gamma-ray Bursts and Broad-lined Type Ic Supernovae. Patrick Kelly

S12 · Stellar and AGN feedback

Eugenides Foundation- Amphitheater

09:15-09:45	HI outflows in radio galaxies . Raffaella Morganti
09:45-10:00	ALMA and SINFONI high redshift observations to test AGN feedback. Darshan Kakkad
10:00-10:15	A tale of two modes: AGN in galaxy evolution. Andrea Cattaneo
10:15-10:30	Simulating feedback from relativistic jets on host galaxies at high redshifts. Dipanjan Mukherjee
10:30-10:45	Short poster presentations - see separate programme for details
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	What is the Impact of Feedback on the Halo Gas of Starbursts and AGN? Matthew Lehnert
11:45-12:00	The incidence and energetics of kpc-scale outflows in luminous unobscured QSOs. Bernd Husemann
12:00-12:15	lonized outflows in luminous type 2 AGNs at z < 0.6: no evidence for significant impact on the host galaxies. Montserrat Villar Martin
12:15-12:30	Evidence of suppression of star formation by quasar-driven winds in gas-rich host galaxies at z<1. Dominika Wylezalek
12:30-12:45	The importance of obscured AGN-driven outflows in rapidly evolving galaxies in the local Universe. Marvin Rose
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:15	Do outflows trace a phase in AGN life? Marcella Brusa
17:15-17:45	Studying the impact of AGN and SN feedback using hydrodynamical simulations. Yohan Dubois
17:45-18:00	Galactic outflows driven by AGN radiative feedback. Wako Ishibashi
18:00-18:15	Modelling AGN feedback in cosmological simulations. Lisa K. Steinborn
18:15-18:30	Short poster presentations - see separate programme for details

S13 · High and very high gamma-ray astronomy

Metropolitan Hotel- Corfu II

09:15-09:45	Insights on cosmic rays and interstellar emission from gamma-ray observations. Elena Orlando
09:45-10:15	Pulsars in the Fermi Era. Constantinos Kalapotharakos
10:15-10:45	Binary Systems, microquasars and Galactic transients: a gamma-ray outlook from an X-ray astronomer's perspective. Jerome Rodriguez
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	Gamma-ray observations of Supernova remnants and the problem of Galactic cosmic rays. Jacco Vink
11:45-12:00	MAGIC observations of the microquasar V404 Cyg during the 2015 Outburst. Elena Moretti
12:00-12:15	Probing $\eta\text{Carinae}$ as an High-Energy particle accelerator in the last 7.5 years. Matteo Balbo
12:15-12:45	Indirect Dark Matter Detection with Gamma Rays. Savvas Koushiappas
12:45-13:00	Short poster presentations - see separate programme for details
12:45-13:00 13:00-15:00	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN)
12:45-13:00 13:00-15:00 15:00-16:30	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
12:45-13:00 13:00-15:00 15:00-16:30 16:30-17:00	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION)
12:45-13:00 13:00-15:00 15:00-16:30 16:30-17:00 17:00-17:30	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION) High-Energy Gamma-Ray Observations of the Inner Galaxy. Troy Porter
12:45-13:00 13:00-15:00 15:00-16:30 16:30-17:00 17:00-17:30 17:30-17:45	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION - AMPHITHEATER PLENARIES COFFEE (FOUNDATION) High-Energy Gamma-Ray Observations of the Inner Galaxy. Troy Porter The latest limits to dark matter annihilation cross section achieved by the first MAGIC/Fermi-LAT joint study on dwarf spheroidal satellite galaxies . Paola Giammaria
12:45-13:00 13:00-15:00 15:00-16:30 16:30-17:00 17:00-17:30 17:30-17:45	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION - AMPHITHEATER PLENARIES COFFEE (FOUNDATION) High-Energy Gamma-Ray Observations of the Inner Galaxy. Troy Porter The latest limits to dark matter annihilation cross section achieved by the first MAGIC/Fermi-LAT joint study on dwarf spheroidal satellite galaxies . Paola Giammaria Dark matter annihilation from non-spherical dark halos in the dwarf galaxies. Kohei Hayashi

TUESDAY, 5 JULY.

$\textbf{S14} \cdot \textbf{Time domaine astronomy}$

Metropolitan Hotel- Corfu I

09:15-09:45	Ultra-long gamma-ray bursts. Andrew Levan
09:45-10:00	The Unusual Radio Afterglow of the Ultra-long Gamma-ray Burst GRB 130925A. Assaf Horesh
10:00-10:15	What Powers the Luminosity of Ultra-Long GRB 111209A and its Accompanying SN 2011kl? Magnetars vs. Radioactive Heating. Zach Cano
10:15-10:30	Transients from Gaia and OGLE surveys. Lukasz Wyrzykowski
10:30-10:45	Exploring the transient sky with Liverpool Telescope and Liverpool Telescope 2. Chris Copperwheat
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	Rapidly evolving SNe. Stefano Valenti
11:45-12:00	Peculiar supernovae: He-shell detonations or white dwarf tidal disruption events? Peter Jonker
12:00-12:15	The host galaxies and environments of peculiar, low-luminosity supernovae as clues to their origins. Joe Lyman
12:15-12:30	Rapidly-evolving faint transients from stripped-envelope electron- capture supernovae. Takashi Moriya
12:30-12:45	Short poster presentations - see separate programme for
	details
12:45-15:00	details LUNCH (FOUNDATION & METROPOLITAN)
12:45-15:00 15:00-16:30	details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
12:45-15:00 15:00-16:30 16:30-17:00	details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION)
12:45-15:00 15:00-16:30 16:30-17:00 17:00-17:30	details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION) Superluminous supernovae: current scenario and future research. Cosimo Inserra
12:45-15:00 15:00-16:30 16:30-17:00 17:00-17:30 17:30-17:45	details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION) Superluminous supernovae: current scenario and future research. Cosimo Inserra H-alpha Emission lines from Hydrogen poor Superluminous Supernova Discovered by iPTF. Lin Yan
12:45-15:00 15:00-16:30 16:30-17:00 17:00-17:30 17:30-17:45 17:45-18:00	details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION) Superluminous supernovae: current scenario and future research. Cosimo Inserra H-alpha Emission lines from Hydrogen poor Superluminous Supernova Discovered by iPTF. Lin Yan A search for supernovae in the gap between superluminous and normal SNe. Andy Howell
12:45-15:00 15:00-16:30 16:30-17:00 17:00-17:30 17:30-17:45 17:45-18:00 18:00-18:15	details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION) Superluminous supernovae: current scenario and future research. Cosimo Inserra H-alpha Emission lines from Hydrogen poor Superluminous Supernova Discovered by iPTF. Lin Yan A search for supernovae in the gap between superluminous and normal SNe. Andy Howell The evolution of superluminous supernova host galaxies out to z ~ 4. Steve Schulze

SS7 · The effects of solar and stellar magnetic activity

Metropolitan Hotel- Syros I+II

09:15-09:45	Latest Developments in Solar Dynamo: a key to stellar magnetic activity and variability. Rosaria Simoniello
09:45-10:15	Stellar magnetic activity & scaling up the Sun. $\ensuremath{\textbf{Gaitee Hussain}}$
10:15-10:30	Observational study of convection related phenomena in cool main sequence stars (k-f-g). Eliana Maritza Amazo-Gomez
10:30-10:45	New view on exoplanet transits: measuring stellar granulation during planet transit with three-dimensional hydrodynamical simulations of stellar convection. Andrea Chiavassa
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	Interactions between the extended exospheres of irradiated planets and their host stars. Vincent Bourrier
11:45-12:00	Scientific aspects of Planetary Space Weather. Christina Plainaki
12:00-12:15	Space weather on Titan and other icy moons. Iannis Dandouras
12:15-12:30	The magnetic field and planetary environment of the young Sun lota Horologii. Julian David Alvarado Gomez
12:30-12:45	Stellar and Exoplanetary Radio Auroras. Corrado Trigilio
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:30	Long-term Evolution of Stellar Activity. Ignasi Ribas
17:30-17:45	From stellar evolution to tidal interaction: impact on planetary habitability. Florian Gallet
17:45-18:00	Imaging stellar surfaces with Doppler imaging and near-infrared interferometry. Heidi Korhonen
18:00-18:30	Discussion. Preliminary programme overview

S1 · First Gaia Data Metropolitan Hotel- Chios

09:15-09:30	Optimization of Gaia scientific output for Solar system objects: some tasks for ground-based observers. Alberto Cellino
09:30-09:45	Astrometric studies of exoplanets with Gaia. Piero Ranalli
09:45-10:00	The open clusters from the ground and from the space. Antonella Vallenari
10:00-10:15	N-body models for our Galaxy. Lia Athanassoula
10:15-10:30	Ground-based spectroscopy for Gaia – prospects from complementary data from 4MOST and WEAVE. Sofia Feltzing
10:30-10:45	A differential astrometry mission concept for Exoplanets and Dark Matter studies. Alain Leger
10:45-11:15	COFFEE

S3 · MUSE Metropolitan Hotel- Rodos

09:15-09:30	Uncovering the high-mass end of the BH mass-sigma relation for local luminous QSOs. Bernd Husemann
09:30-09:45	AGN and shock excitation in outflows from local gas rich major mergers. Kurt Soto
09:45-10:00	The MAGNUM survey: outflows and star formation in nearby Seyfert galaxies from MUSE observations. Giovanni Cresci
10:00-10:15	The jet-ISM interaction in the outer filament of Centaurus A as seen by MUSE: disentangling the complex ionisation and kinematics of the ionised gas. Francesco Santoro
10:15-10:30	A 3D view of the Dark Universe: illuminating intergalactic gas at high-redshift with fluorescent Lyman-alpha emission. Sebastiano Cantalupo
10:30-10:45	First results from the ALMA-MUSE Survey of Extended Radio Galaxy Haloes. Joel Vernet
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:30	Redshift Analysis in the MUSE Ultra Deep Field. Hanae Inami
11:30-11:45	Lyman-Alpha Emitters in MUSE UDF. Alissa Drake on behalf of Takuya Hashimoto
11:45-12:00	The Lya Luminosity Function in the MUSE Deep Fields. Alyssa Drake
12:00-12:15	Lyman alpha haloes around individual high-redshift galaxies within the MUSE deep fields. Floriane Leclercq
12:15-12:30	VLT/MUSE view of stellar feedback in two Lyman alpha emitters: ESO 338 and Haro 11. Veronica Menacho
12:30-12:45	MUSE WIDE: A (not so) shallow survey of deep fields. Tanya Urrutia
12:45-14:15	LUNCH (FOUNDATION & METROPOLITAN)
14:15-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:15	The MUSE view of massive galaxy clusters. Johan Richard
17:15-17:30	Resolved properties of intermediate redshift extended arcs seen with MUSE. Vera Patrício
17:30-17:45	A MUSE view of the Frontier Fields: Mass, Multiple-Images, and More. David Lagattuta
17:45-18:00	Multiply imaged faint Lyman alpha halo behind the Hubble Frontier Field cluster MACS0416 at z =3.2174. Sam Kim
18:00-18:15	MUSE observations towards lensing clusters: A complete census of ionizing sources at z~3-7. Roser Pello
18:15-18:30	Insights into Lya and CIV emission from spatially resolved, lensed galaxies observed with MUSE. Renske Smit

$\textbf{S4} \boldsymbol{\cdot} \textbf{Infrared space atrophysics}$

Eugenides Foundation- Conference Hall

09:30-09:45	Protoplanetary and Debris Disks - Prospects for far-IR Space Missions. Inga Kamp
09:45-10:15	Solar System science in the Far Infrared. Dominique Bockelee-Morvan
10:15-10:45	The European Space IR Roadmap. Dimitra Rigopoulou
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	The James Webb Space Telescope. Roberto Maiolino
11:45-12:15	Far-IR Surveyor: The US Decadal Survey Mission Concept Study. David Leisawitz
12:15-12:45	SOFIA science and instrumentation. Hans Zinnecker
12:45-14:15	LUNCH (FOUNDATION & METROPOLITAN)
14:15-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:30	Far-Infrared Detectors for Imaging and Spectroscopy. Jonas Zmuidzinas
17:30-17:45	The need for a sensitive mid-/far-IR Spectrograph: Tracing black hole accretion and star formation with IR lines from local galaxies to the high-z Universe. Carlotta Gruppioni
17:45-18:00	Far-IR Heterodyne Array Receivers. Martina C. Wiedner
18:00-18:30	Bringing Far-Infrared Space Interferometry into vision. A tale of technology, techniques and trade-offs. Giorgio Savini

S5 · How galaxies live and die

Eugenides Foundation- Amphitheater

09:15-09:45	The regulation of star-formation over cosmic time. Simon Lilly
09:45-10:00	Molecules, dust, and what they teach us about star formation and quenching in the Universe today. Amelie Saintonge
10:00-10:15	An ALMA view on the interstellar medium of the SPT sample of lensed high-redshift dusty galaxies. Matthieu Bethermin
10:15-10:30	Gas Content and Depletion Time of z~3.2 Massive Star Forming Galaxies. Eva Schinnerer
10:30-10:45	Witness Formation of Galaxies at z=2.23: Resolving their H I Gas and Star Formation in Distant Lyman-alpha Emitting Galaxies. Jiasheng Huang
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	Star Formation in Massive Galaxies. Joe Silk
11:45-12:00	The fundamental plane of star formation revealed by EAGLE. Claudia Lagos
12:00-12:15	Emission line galaxies in the GTC SHARDS Frontier Fields Survey. Antonio Hernan-Caballero
12:15-12:30	The SFR Cookbook: recipes for spectroscopic estimators at 1 <z<3. Margherita Talia</z<3.
12:30-12:45	Large Molecular Gas Reservoirs in Post-Starburst Galaxies. Decker French
12:45-13:15	Short poster presentations - see separate programme for details
13:15-14:15	LUNCH (FOUNDATION & METROPOLITAN)
14:15-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:15	The Hierarchical Origin of Galaxy Morphologies. Fabio Fontanot
17:15-17:30	MAD News. Carmen Marcella Carollo
17:30-17:45	The growth of bulges and disks on the star-forming main sequence. Sandro Tacchella
17:45-18:00	Assembly of the most massive galaxies of the universe seen by SHARDS and CANDELS. Paola Dimauro
18:00-18:15	The morphological transformation of star-forming galaxies during their assembly phase. Bruno Ribeiro
18:15-18:30	A fast ionised wind in a Star Forming-Quasar system at z~1.5 resolved through AQ assisted near-infrared data Marcella Brusa

S9 · The dynamics of star and planet formation

Metropolitan Hotel- Chios

11:15-11:45	Molecular clouds and early-stage star formation. $\ensuremath{\textbf{Paul}}$ $\ensuremath{\textbf{Clark}}$
11:45-12:00	Observations of H2O and OH masers in star-forming regions. Georgij Rudnitskij
12:00-12:15	13CO filaments in the Taurus Molecular Cloud. Georgia Virginia Panopoulou
12:15-12:30	Influence of HII regions and supernovae on star formation. Patrick Hennebelle
12:30-12:45	Interstellar Chemistry: A useful ally in the quest for the true shape of prestellar cores. Aris Tritsis
12:45-14:15	LUNCH (FOUNDATION & METROPOLITAN)
14:15-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)

S10 · Cluster Lenses

Metropolitan Hotel- Corfu II

09:15-09:45	Strong Lensing in the Hubble Frontier Fields era: How Well can Mass Distributions be Constrained? Marceau Limousin
09:45-10:15	Highlights from the GLASS survey. Tommaso Treu
10:15-10:30	Physical properties of low mass MUSE-confirmed galaxies at z>3 in the Frontier Fields. Johany Martinez
10:30-10:45	Tightening the constraints on the mass distribution of the Frontier Fields Abell S1063 and MACSJ0416.1-2403. Benjamin Clément
10:45-11:15	COFFEE
11:15-11:45	Modeling with GLEE. Sherry Suyu
11:45-12:15	Advances in the understanding of the mass structure of galaxy clusters. Claudio Grillo
12:15-12:30	MUSE: a new hope for understanding Pandora's cluster. Guillaume Mahler
12:30-12:45	Modeling the CLASH clusters with MUSE redshifts and LENSTOOL-GPU. Markus Rexroth
12:45-13:00	Short poster presentations - see separate programme for details
12:45-13:00 13:00-14:15	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN)
12:45-13:00 13:00-14:15 14:15-16:30	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE
12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00 17:00-17:30	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE The Frontier Fields Lens Modeling Comparison Project. Massimo Meneghetti
12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00 17:00-17:30 17:30-17:45	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE The Frontier Fields Lens Modeling Comparison Project. Massimo Meneghetti Strong Lensing models of Galaxy Clusters: Systematic errors from FF-simulated clusters. Ana Acebron
12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00 17:00-17:30 17:30-17:45 17:45-18:00	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION - AMPHITHEATER PLENARIES COFFEE The Frontier Fields Lens Modeling Comparison Project. Massimo Meneghetti Strong Lensing models of Galaxy Clusters: Systematic errors from FF-simulated clusters. Ana Acebron Galaxy scaling relations in the early Universe and their comparison with simulations. Paulina Troncoso lirbarren
12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00 17:00-17:30 17:30-17:45 17:45-18:00 18:00-18:15	Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION - AMPHITHEATER PLENARIES COFFEE The Frontier Fields Lens Modeling Comparison Project. Massimo Meneghetti Strong Lensing models of Galaxy Clusters: Systematic errors from FF-simulated clusters. Ana Acebron Galaxy scaling relations in the early Universe and their comparison with simulations. Paulina Troncoso Iirbarren Mock lensing and dark matter profiles form simulated rich clusters. Matthieu Schaller

S16 · Frontiers of massive-star evolution

Metropolitan Hotel- Chios

17:00-17:30	Unusual stellar explosion. Andrea Pastorello
17:30-17:45	The rest frame UV spectra of the Superluminous Supernova OGLE15qz. Ting-Wan Chen
17:45-18:00	The progenitors of LGRBs and SLSNe. Observational constraints from the host galaxies studies of carefully selected samples. Susanna Vergani
18:00-18:15	The pair-instability supernova candidate OGLE-2014-SN-073. Giacomo Terreran
18:15-18:30	Bumps in superluminous supernova light curves. Szymon Prajs

SS2 · Solar terrestrial coupling and space weather: State-of-the-Art and Future Prospects

Metropolitan Hotel- Syros I+II

09:15-09:45	Flux emergence, small flares, and the unresolved fine structure. Viggo Hansteen
09:45-10:00	Energy Buildup in Active Regions by Shear Flows Driven by the Lorentz Force. Ward Manchester
10:00-10:15	A Fermi model for turbulent reconnection. Loukas Vlahos
10:15-10:30	The Path of Certain Solar Active Regions Toward Eruptions and Implications for Solar-Eruption Forecasting. Manolis Georgoulis
10:30-10:45	High frequency jet-like phenomena in the presence of a null point. Irantzu Calvo Santamaria
10:45-11:15	COFFEE
11:15-11:45	Propagation of Coronal Mass Ejections In The Interplanetary Medium. Emilia Kilpua
11:45-12:00	Solar Energetic Particle Events, solar flares and coronal mass ejections: A statistical study for Space Weather applications. Athanasios Papaioannou
12:00-12:15	Dynamical Complexity of Geospace Observations Related to Solar- Terrestrial Coupling and Space Weather. Georgios Balasis
12:15-12:30	Collisionless relaxation in the shock front. Michael Gedalin
12:30-12:45	Short poster presentations - see separate programme for details
12:45-14:15	LUNCH (FOUNDATION & METROPOLITAN)
14:15-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE
17:00-17:30	European efforts in geospace weather nowcasting and forecasting. Juha-Pekka Luntama
17:30-17:45	Plasma sources for the Earth's magnetosphere as a function of the solar forcing: results from the Cluster mission and open questions. Iannis Dandouras
17:45-18:00	Effects of Space Weathering Processes on Asteroids' Surfaces. Maria Antonietta Barucci
18:00-18:15	Short poster presentations - see separate programme for details
18:15-18:30	Closing Discussion

WEDNESDAY, 6 JULY

SS3 · Evolved stars at high angular resolution

Eugenides Foundation Meeting Room

09:15-09:45	Evolved stars as seen by three-dimensional hydrodynamical simulations of stellar convection. Andrea Chiavassa
09:45-10:00	AGB stars and their atmospheres. Markus Wittkowski
10:00-10:15	The atmospheres of Carbon rich giants - from observations to models and back. Gioia Rau
10:15-10:30	Studying the inner dust envelopes of low-mass-loss rate O-rich AGB stars using SPHERE/ZIMPOL. Theo Khouri
10:30-10:45	Observations of circumstellar H ₂ O and OH maser emission of long- period variable stars. Georgij Rudnitskij
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	The surface and close-in circumstellar environment of supergiants and AGB stars at high angular resolution. Pierre Kervella
11:45-12:00	ALMA's view on circumstellar envelopes and mass loss. Leen Decin
12:00-12:15	Physical conditions in CSEs on AU scales - masers aren't just for kinematics. Anita Richards
12:15-12:30	ALMA's view on AGB stars: Studies of W Aquilae and TX Piscium.
	Magdalena Brunner
12:30-12:45	Magdalena Brunner CO observations of LMC AGB stars.
12:30-12:45 12:45-13:00	Magdalena Brunner CO observations of LMC AGB stars. Martin Groenewegen Short poster presentations - see separate programme for details
12:30-12:45 12:45-13:00 13:00-14:15	Magdalena Brunner CO observations of LMC AGB stars. Martin Groenewegen Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN)
12:30-12:45 12:45-13:00 13:00-14:15 14:15-16:30	Magdalena Brunner CO observations of LMC AGB stars. Martin Groenewegen Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
12:30-12:45 12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00	Magdalena Brunner CO observations of LMC AGB stars. Martin Groenewegen Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION)
12:30-12:45 12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00 17:00-17:15	Magdalena Brunner CO observations of LMC AGB stars. Martin Groenewegen Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION) Massive AGB stars in young star clusters . Svitlana Zhukovska
12:30-12:45 12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00 17:00-17:15 17:15-17:30	Magdalena Brunner CO observations of LMC AGB stars. Martin Groenewegen Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION) Massive AGB stars in young star clusters . Svitlana Zhukovska ALMA's view on AGB stars: The remarkably thin, detached shell of U Antliae. Franz Kerschbaum
12:30-12:45 12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00 17:00-17:15 17:15-17:30 17:30-18:00	Magdalena Brunner CO observations of LMC AGB stars. Martin Groenewegen Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION) Massive AGB stars in young star clusters . Svitlana Zhukovska ALMA's view on AGB stars: The remarkably thin, detached shell of U Antliae. Franz Kerschbaum Proto-planetary nebulae and planetary nebulae. Carmen Sánchez Contreras
12:30-12:45 12:45-13:00 13:00-14:15 14:15-16:30 16:30-17:00 17:00-17:15 17:15-17:30 17:30-18:00 18:00-18:15	Magdalena Brunner CO observations of LMC AGB stars. Martin Groenewegen Short poster presentations - see separate programme for details LUNCH (FOUNDATION & METROPOLITAN) EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES COFFEE (FOUNDATION) Massive AGB stars in young star clusters . Svitlana Zhukovska ALMA's view on AGB stars: The remarkably thin, detached shell of U Antliae. Franz Kerschbaum Proto-planetary nebulae and planetary nebulae. Carmen Sánchez Contreras What's inside the bubbles? Unveiling the evolved star from high-resolution radio and IR images Adriano Ingallinera

SS5 · Supermassive black holes

Metropolitan Hotel- Corfu I

09:15-09:45	Observations of Dual SMBHs as a Tracer of Galaxy Mergers. Michael Koss
09:45-10:00	Spectroscopy and spectropolarimetry as a tool to detect of subpc supermassive binaries in AGNs. Luka Popovic
10:00-10:15	A census of kpc-scale dual AGN and double-peaked [OIII] emitters from GAMA. Bernd Husemann
10:15-10:30	Probing black hole accretion in binary quasars at high redshifts. Cristian Vignali
10:30-10:45	A population of short-period variable quasars from the Palomar Transient Factory as Supermassive Black Hole Binary Candidates. Maria Charisi
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	The journey of black holes in merging galaxies and the signal of their coalescence in the multi-messegner universe. Monica Colpi
11:45-12:00	The way to gravitational waves observatories: LISA Pathfinder results. Michele Armano
12:00-12:15	Music from the heavens - Gravitational waves from supermassive black hole mergers in the EAGLE simulations. Jaime Salcido
12:15-12:30	Dual and offset AGN in a cosmological simulation at z=2. Lisa K. Steinborn
12:30-12:45	Suppression of the accretion onto a supermassive black hole binary in thin discs. Enrico Ragusa
12:45-13:00	Galaxy mergers as triggers for luminous AGN and starbursts. Cristina Ramos Almeida
13:00-14:15	LUNCH (FOUNDATION & METROPOLITAN)
14:15-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:30	Galaxy Pairs in the Sloan Digital Sky Survey. Jillian Scudder
17:30-17:45	Unveiling the AGN activity in multiple SMBH systems: the remarkable case of SDSS J0959+1259. Alessandra De Rosa
17:45-18:00	Interacting/merging pairs and multiples from the BIG sample. Areg Mickaelian
18:00-18:15	An emergent consensus on the observed galaxy merger rate of massive galaxies at z=0-3. Allison Wing Shan Man
18:15-18:30	Are core galaxies formed through continuous merging of galaxies with supermassive black holes? Ing-Guey Jiang

SS6 · Milky Way bulge

Metropolitan Hotel- Delos Hall

09:15-09:45	Stellar populations and structural properties of bulges in external galaxies. Isabel Perez
09:45-10:00	The bulge of the Milky Way in an extragalactic context. Oscar A. Gonzalez
10:00-10:15	Stellar Density and Mass of the Milky Way Bulge . ${\bf Elena} \; {\bf Valenti}$
10:15-10:30	MOA-II Galactic Microlensing Constraints: The Inner Milky Way has a Low Dark Matter Fraction and a Maximum Disk. Chris Wegg
10:30-10:45	Short poster presentations - see separate programme for details
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	The Galactic bulge, an observational perspective. Manuela Zoccali
11:45-12:00	The richness of diversity: a chemo-kinematical characterization of bulge stellar populations with the Gaia-ESO Survey. Alvaro Rojas-Arriagada
12:00-12:15	The abundance trends and stellar ages in the Galactic Bulge as revealed by microlensed dwarf stars. Sofia Feltzing
12:15-12:30	Hidden in the bulge: the secrets of the oldest stars in the Milky Way. Louise Howes
12:30-12:45	The chemical properties of the Milky Way's bulge. Victor Debattista
12:45-14:15	LUNCH (FOUNDATION & METROPOLITAN)
14:15-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:30	Bulge Models. Gerhard Ortwin
17:30-17:45	The Kinematics of the Galactic Bulge as Mapped By APOGEE. Melissa Ness
17:45-18:00	The contribution of a thick disc to a boxy/peanut bulge. Francesca Fragkoudi
18:00-18:15	X-shape bulges and the dynamical mechanisms behind them. Panos Patsis
18:15-18:30	What to expect from Gaia on the Milky Way bulge. Carine Babusiaux

SS8 · Globular clusters

Eugenides Foundation- Ballroom

09:15-09:45	Multiple Stellar Populations in Galactic Globular Clusters: an observational update. Giampaolo Piotto
09:45-10:00	The HST UV Legacy Survey of GGCs: RGB Bump in the context of multiple stellar populations. Edoardo Lagioia
10:00-10:15	Multiple stellar populations: New insights from RR Lyrae and red clump stars. Young-Wook Lee
10:15-10:45	Multiple stellar populations in Magellanic Clouds star clusters. Antonino Milone
10:45-11:15	COFFEE (FOUNDATION & METROPOLITAN)
11:15-11:45	Heavy element variations in globular clusters. David Yong
11:45-12:00	Globular cluster heavy element abundances in Gaia-ESO DR4. Clare Worley
12:00-12:15	Sodium abundances in GC AGB stars: what do they tell us? Francesca Primas
12:15-12:30	A critical look at the merger scenario to explain multiple populations and rotation in iron-complex globular clusters. Elena Gavagnin
12:30-12:45	Short poster presentations - see separate programme for details
12:45-14:15	LUNCH (FOUNDATION & METROPOLITAN)
14:15-16:30	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
16:30-17:00	COFFEE (FOUNDATION)
17:00-17:15	Second generation stellar disks in Globular Clusters. Alessandra Mastrobuono Battisti
17:15-17:30	Latest constraints on the formation of globular clusters from young massive clusters. Ivan Cabrera-Ziri
17:30-18:00	Modelling multiple populations in globular clusters. Francesca D'Antona
18:00-18:30	The Puzzle of Globular Clusters Multiple Generations. Alvio Renzini

S3 · MUSE

Eugenides Foundation- Conference Hall

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
11:15-11:45	COFFEE (FOUNDATION)
11:15-11:30	The All-weather MUse Supernova Integral field Nearby Galaxies (AMUSING) survey. Lluís Galbany
11:30-11:45	MUSE observations enable the prediction of a once-in-a-lifetime lensed supernova. Claudio Grillo
11:45-12:00	The future of MUSE: prospects for Adaptive Optics assisted observations. Joel Vernet
12:00-12:15	Comparing MUSE Narrow Field Mode with HARMONI: Prospects for high angular resolution H-alpha spectroscopy. Niranjan Thatte
12:15-12:30	Beyond MUSE. Luca Pasquini
12:30-12:45	Discussion and conclusion
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)

S4 · Far - infrared space atrophysics Eugenides Foundation- Conference Hall

15:00-15:30	The Submillimeter Wave Instrument on JUICE. Paul Hartogh
15:30-15:45	A joint infrared space observatory - SPICA revised and upgraded. Peter Roelfsema
15:45-16:00	The Far-Infrared Spectroscopic Explorer (FIRSPEX): Probing the Life-Cycle of the Interstellar Medium in the Universe. Chris Pearson
16:00-16:15	The development status of the Millimetron Space Observatory. Thijs De Graauw on behalf of Andrei Smirnov
1/.15 1/.20	Short poster presentations and constate programme for
10:10-10:30	details
16:30-17:00	details COFFEE (FOUNDATION & METROPOLITAN)
16:30-17:00 17:00-17:30	COFFEE (FOUNDATION & METROPOLITAN) Synergies with ALMA and other ground based facilities. Leonardo Testi
16:30-17:00 17:00-17:30 17:30-18:00	Short poster presentations - see separate programme for details COFFEE (FOUNDATION & METROPOLITAN) Synergies with ALMA and other ground based facilities. Leonardo Testi Panel discussion. Darek Lis

S5 · How galaxies live and die

Eugenides Foundation- Amphitheater

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	Star Formation in Massive Galaxies: the Observational Perpective. Linda Tacconi
11:45-12:00	Insights in galaxy evolution through the KMOS Redshift One Spectroscopic Survey (KROSS). Georgios Magdis
12:00-12:15	The SFR-Mass-Metallicity relation of galaxies free from aperture effects: the CALIFA survey empirical correction. Jose M. Vilchez
12:15-12:30	The stellar-halo mass connection of [OII] emitters at z~1. Violeta Gonzalez-Perez
12:30-13:00	Short poster presentations - see separate programme for details
13:00-14:30	LUNCH (FOUNDATION & METROPOLITAN)
14:30-15:00	Short poster presentations - see separate programme for details
15:00-15:30	Quenching star formation in galaxies: an observational perspective. Roberto Maiolino
15:30-15:45	Mass assembly and morphological transformation since z~3 from CANDELS. Marc Huertas-Company
15:45-16:00	The Star Formation History of Dwarf Galaxies at 1 <z<2. Hakim Atek</z<2.
16:00-16:15	Stellar population bimodality on sub-galactic scales: clues on life and death of galaxies. Stefano Zibetti
16:15-16:30	The spatially resolved transition between star formation and quiescence with SDSS IV MaNGA. Francesco Belfiore
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	Dissecting the stellar populations of massive quiescent galaxies at z=1-3. Pablo G. Perez-Gonzalez
17:15-17:30	Evidence from local super-massive black holes for a steep scaling with velocity dispersion and a weak one with stellar mass: Quasar feedback? Francesco Shankar
17:30-17:45	Shutdown and downsizing in galaxy evolution. Andrea Cattaneo
17:45-18:00	The mechanisms for quiescent galaxy formation at z<1. Kate Rowlands
18:00-18:15	The star-formation history, quenching and bar-driven secular evolution in a Virgo massive galaxy as seen with MUSE. Dimitri Gadotti
18:15-18:30	What "turned out the lights" in the Milky Way about 9 Gyrs ago? Matthew Lehnert

S7 · X-rays from AGN

Metropolitan Hotel- Rodos

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	Simulations of black hole accretion flows in general relativity. Aleksander Sadowski
11:45-12:00	Measuring the Innermost Stable Circular Orbits of Supermassive Black Holes. George Chartas
12:00-12:15	Agata Rozanska
12:15-12:30	RE J1034+396: the origin of the soft X-ray emission. Bozena Czerny
12:30-12:45	The role of the winds in AGNs and black hole X-ray binaries. Bei You
12:45-13:10	Short poster presentations - see separate programme for details
13:10-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	Theoretical models of the X-ray source in AGN. Pierre-Olivier Petrucci
15:30-15:45	Hot coronae in local AGN. Andrea Marinucci
15:45-16:00	NuSTAR reveals the extreme properties of the super-Eddington accreting SMBH in PG 1247+267. Giorgio Lanzuisi
16:00-16:15	A Radio-mm View of the X-Ray Corona of Black Hole Accretion Disks. Ehud Behar
16:15-16:30	What do we learn from intrinsically weak BLRs in AGN? Stefano Bianchi
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:30	X-ray Reverberation Theory. Andrew Young
17:30-18:00	X-ray Reverberation Mapping. Erin Kara
18:00-18:15	KYNREFREV - implementation of an X-ray reverberation model in XSPEC. Maria D. Caballero-Garcia
18:15-18:30	A qualitative understanding of AGN variability with principal component analysis. Michael Parker
18:30-18:45	Short poster presentations - see separate programme for details

S8 \cdot Interstellar dust and gas coupling

Metropolitan Hotel- Corfu I

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:45	Molecular Complexity at the Gas-Solid Interface. ${\bf Sergio} \ {\bf loppolo}$
11:45-12:15	Energetic processing of astrophysical relevant ices. Giuseppe Antonio Baratta
12:15-12:45	Thermal and chemical desorption: key parameters to understand gas-dust coupling. Marco Minissale
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:15	Two patterns of photon-induced desorption processes in astrophysical Ices. Guillermo M. Muñoz Caro
15:15-15.45	The role of fundamental surface processes on astrochemistry: a computational chemistry perspective. Herma Cuppen
15:45-16:00	Dust Temperature Fluctuations and Surface Processes: Formation and ortho-para conversion of H2. Emeric Bron
16:00-16:15	Photoprocessing of superhydrogenated PAHs and consequences for the formation of molecular hydrogen in the ISM. Leon Boschman
16:15-16:30	Short poster presentations - see separate programme for details
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	Search of grain growth towards the center of the pre-stellar core L1544. Ana Chacón-Tanarro
17:15-17:30	The enhanced sulfur chemistry in Barnard 1b. Asunción Fuente
17:30-17:45	New insights on the molecular complexity of the earliest phases of star-forming regions. Charlotte Vastel
17:45-18:15	Formation of complex organic molecules in prestellar cores: an extended model. Anton Vasyunin
18:15-18:30	Short poster presentations - see separate programme for details

S9 · The dynamics of star and planet formation

Metropolitan Hotel- Delos Hall

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:30	Deuterium fraction and kinematics in low mass star forming regions: environmental effects. Anna Punanova
11:30-12:00	Kinematics and chemical evolution of protoplanetary disks and implications for planet formation. Inga Kamp
12:00-12:15	A Keplerian-like disk around the forming O-type star AFGL 4176. Katharine Johnston
12:15-12:30	Observational signatures of stellar high energy particles in disks around T Tauri stars. Christian Rab
12:30-12:45	Ejection of gaseous clumps from gravitationally unstable protostellar disks. Eduard Vorobyov
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:15	Young and restless: the early history of protostellar discs. Dimitris Stamatellos
15:15-15:30	Can we detect super-Earths in proto-planetary discs? Giovanni Rosotti
15:30-15:45	Short poster presentations - see separate programme for details
15:45-16:15	The origin of protostellar Outflows and Jets: clues on the driving engine from high-angular resolution observations. Catherine Dougados
16:15-16:30	Probing disk and jet formation through ALMA observations of Class 0 protostars. Linda Podio
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	ALMA constraints on the ejection process in protostars: The HH212 test case. Benoît Tabone
17:15-17:30	Numerical Simulations of YSO jets with magnetospheric accretion. Véronique Servan Cayatte
17:30-17:45	SPHERE/ZIMPOL high-resolution images of the twin jets of Z CMa. Simone Antoniucci
17:45-18:00	Outflow detection in a 70 micron dark high-mass core. Siyi Feng
18:00-18:30	Dynamics of young stars and the formation of star clusters. Dimitrios Gouliermis

S10 · Cluster Lenses

Metropolitan Hotel- Corfu II

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-11:30	X-raying Abell 2744. Dominique Eckert
11:30-11:45	AMALGAM: detailed lens modeling of about 100 massive clusters. Raphael Gavazzi
11:45-12:15	The Potential of the Hubble Frontier Fields Program: Probing the Faintest z~3-9 Galaxies with a View for Cosmic Reionization . Rychard Bouwens
12:15-12:30	Detecting the Galaxies Responsible For Reionization with the Hubble Frontier Fields Clusters. Hakim Atek
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	The physical properties of the first galaxies revealed by gravitational lensing. Renske Smit
15:30-15:45	Taking advantage of gravitational lensing to unveil the properties of the reionizing sources. Nicolas Laporte
15:45-16:00	GLASS: Probing the Epoch of Reionization with HST Grism Spectroscopy. Kasper Schmidt
16:00-16:30	[CII] and dust detections in strongly lensed, z>6 galaxies. Kirsten K. Knudsen
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	5 <z<7 emitters="" fields<br="" frontier="" gtc="" in="" lyman-alpha="" shards="" the="">Survey. Antonio Hernan-Caballero</z<7>
17:15-17:45	Observations of high-z supernovae through gravitational telescopes. Ariel Goobar
17:45-18:15	The Multiply Imaged Strongly Lensed Supernova Refsdal. Patrick Kelly
18:15-18:30	Automated colour-based deblending of the Hubble Frontier Fields. Rémy Joseph

S15 · Exploring pulsar formation

Metropolitan Hotel- Syros I+II

09:15-10:45 EUGENIDES FOUNDA PLENARIES		EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
	10:45-11:15	COFFEE (FOUNDATION)
	11:15-11:45	Observing magnetars from the neutron star core to the magnetosphere. Nanda Rea
	11:45-12:00	What can the quiescent surface emission of the low-B field magnetar SGR 0418+5729 tell us about its magnetic field configuration? Sebastien Guillot
	12:00-12:15	Pulsar Magnetospheres: The Kinematic Model Era. Constantinos Kalapotharakos
	12:15-12:30	Spin-down evolution and radio disappearance of the magnetar PSR J1622-4950. Paul Scholz
	12:30-12:45	XTE J1810–197: a magnetar with a variable spin-down. Fabio Pintore
	12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
	15:00-15:30	Neutron Star magnetic and thermal evolution. Jose Pons
	15:30-15:45	Ambipolar diffusion in strongly magnetized neutron stars. Andrea Passamonti
	15:45-16:00	Dissipative pulsar magnetospheres. Ioannis Contopoulos
	16:00-16:30	3-D Simulations of the Hall effect in Neutron Star Crusts. Konstantinos Gourgouliatos
	16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
	17:00-17:30	Evolutionary paths from Low Mass X-ray Binaries to Millisecond Pulsars. Francesca D'Antona
	17:30-17:45	The formation of magnetic field, spin and mass of the millisecond pulsar. Chengmin Zhang
	17:45-18:00	Gamma-ray emission from accreting/transitional pulsars, redbacks, and black widows. Diego F. Torres
	18:00-18:15	Extremely Fast orbital decays in black hole X-ray binaries. Jonay I. Gonzalez-Hernandez
	18:15-18:30	Short poster presentations - see separate programme for details

S16 · Frontiers of massive-star evolution

Metropolitan Hotel- Chios

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES	
10:45-11:15	COFFEE (FOUNDATION)	
11:15-11:45	Massive stars mass loss. Miriam Garcia	
11:45-12:00	Extreme yellow massive stars in M33. Michalis Kourniotis	
12:00-12:15	Mass-loss in Massive Stars: the Multiwavelength approach in Galactic Luminous Blue Variables Study Filomena Bufano	
12:15-12:30	RMC127: a luminous blue variable with a collimated stellar wind. Claudia Agliozzo	
12:30-12:45	On the ionizing photons budget and WR content of metal-poor dwarf galaxies: the case of IZw18. Jose M. Vilchez	
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)	
15:00-15:30	Massive Star Evolution: Importance and impact of Mass Loss and Rotation. Raphael Hirschi	
15:30-15:45	A new prescription for the mass-loss rates of hydrogen-free Wolf- Rayet stars and its implications for massive star evolution. Frank Tramper	
15:45-16:00	iPTF13dqy (SN2013fs) – An Exquisite Flash-Spectroscopy Event Revealing Confined Dense Circumstellar Material Surrounding a Regular Type II Supernova. Ofer Yaron	
16:00-16:15	The role of jets in exploding CCSNe, in removing progenitor envelopes, and in powering SN impostors. Noam Soker	
16:15-16:30	Observations of nearby red supergiants with long baseline interferometry. Miguel Montargès	
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)	
17:00-17:30	Lives and deaths of massive stars with companion. Selma De Mink	
17:30-17:45	Massive stars as progenitors of ultraluminous X-ray sources. Sergei Fabrika	
17:45-18:00	The many faces of very massive binaries in tight orbits. Pablo Campos	
18:00-18:15	The impact of stellar binarity on the delay-time distribution of core- collapse supernovae. Emmanouil (Manos) Zapartas	
18:15-18:30	Runaway Stars in Supernova Remnants. Anna Pannicke	

$\textbf{S17} \cdot \textbf{Magnetic}$ helicity in Sun and Stars

Eugenides Foundation Meeting Room

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
10:45-11:15	COFFEE (FOUNDATION)
11:15-12:00	Properties of magnetic helicity. Mitchell Berger
12:00-12:45	Helical Magnetic Flux Emergence. Mark Cheung
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:45	Helicity manifestations in the solar atmosphere. Hongqi Zhang
15:45-16:00	The key role of magnetic helicity to understand the magnetism in Solar and stellar radiative regions. Stephane Mathis
16:00-16:15	Long-term evolution of the large-scale magnetic fields of cool stars. Aline Vidotto
16:15-16:30	Discussion
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:45	The onset mechanism of solar and stellar eruptions. Kanya Kusano
17:45-18:00	Evolution of Magnetic Helicity and Free Energy in Active Regions that Produce Large Flares. Alexander Nindos
18:00-18:15	Comparison of three different methods to determine the eruptive potential of selected Active Regions. Francesca Zuccarello
18:15-18:30	Spectroscopic study of active region 11429 before the eruption of two CMEs. Costis Gontikakis

SS1 · SKA observatory

Eugenides Foundation- Ballroom

09:15-10:45	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES	
10:45-11:15	COFFEE (FOUNDATION)	
11:15-11:30	SKA overview. Robert Braun	
11:30-11:45	Epoch of Reionization/Cosmic Dawn. Jonathan Pritchard	
11:45-12:00	Radio Cosmology. Mario Santos	
12:00-12:15	Cosmic Magnetism in the SKA era. Federica Govoni	
12:15-12:30	Extragalactic science with SKA1 radio continuum observations. Rossella Cassano	
12:30-12:45	Radio continuum as a tracer for star formation across Cosmic times. Volker Heesen	
12:45-15:00	LUNCH (FOUNDATION & METROPOLITAN)	
15:00-15:15	HI Galaxy Science with the SKA. Kelley Hess on behalf of W.J.G. De Blok	
15:15-15:30	SKA Synergies with ALMA: HI Absorption in High Redshift CO Emitters. Stephen Curran	
15:30-15:45	Extragalactic Molecular spectroscopy with the SKA. Rob Beswick	
15:45-16:00	The impact of the SKA on Galactic Science. Grazia Umana	
16:00-16:15	SKA and the Cradle of Life. Izaskun Jimenez-Serra	
16:15-16:30	Pushing ahead the frontiers of pulsar science with SKA. Andrea Possenti	
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)	
17:00-17:15	Measure of the moment of inertia of compact stars: a crucial test of the two-families scenario in which neutron stars and quark stars co-exist . Alessandro Drago	
17:15-17:30	Studying the transient and variable radio sky with SKA1. Adam Deller	
17:30-17:45	Solar and Heliospheric Radio Physics with the Square Kilometre Array. Alexander Nindos	
17:45-18:00	Radio detection of cosmic particles with SKA. Tobias Wincher on behalf of Stijm Buitink	
18:00-18:15	Very Long Baseline Interferometry with the SKA. Cormac Reynolds	
18:15-18:30	Closing discussion	

THURSDAY, 7 JULY

S5 \cdot How galaxies live and die

Eugenides Foundation- Amphitheater

09:15-09:45	The physics responsible for quenching star formation at different epochs. Bruno Henriques
09:45-10:00	The physics of the disc-corona interface: how feedback regulates accretion and quenching. Lucia Armillotta
10:00-10:15	The overlooked gas-rich mergers among massive galaxies at z~2. Allison Wing Shan Man
10:15-10:30	Why Large Scale Structures matter. Pascale Jablonka
10:30-10:45	The radial variation of the initial mass function and elemental abundances in early-type galaxies. Roger Davies
10:45-11:15	COFFEE (FOUNDATION)
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
13:00-14:30	LUNCH (FOUNDATION & METROPOLITAN)
14:30-15:00	Short poster presentations - see separate programme for details
15:00-15:15	The evolution of the effective stellar intial mass function of massive early-type galaxies. Carlo Nipoti
15:15-15:30	The role of mergers in triggering AGN activity. Lisa K. Steinborn
15:30-15:45	Identifying the impact of AGN feedback in the kinematics of galaxies. Matteo Frigo
15:45-16:00	The Turbulent Life of the Most Luminous Galaxy in the Universe Revealed by ALMA. Tanio Diaz-Santos
16:00-16:15	The Close AGN Reference Survey (CARS): A spatially-resolved multi-wavelength survey to uncover the link between AGN and star formation. Bernd Husemann
16:15-16:30	AGN are cooler than you think: the intrinsic far-IR emission from QSOs. Myrto Symeonidis
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	Quenching and changing morphology at the same time. Yohan Dubois
17:15-17:30	Environment-driven evolution of galaxies in the CLASH-VLT cluster Abell 209. Marianna Annunziatella
17:30-17:45	Outflows as Star-formation Quenching Mechanisms in Local Star-forming Galaxies: A Multi-wavelength Perspective in Probing Cold and Ionised Gas Outflows using the SDSS, COLD GASS and ALFALFA Surveys. Guido Roberts-Borsani
17:45-18:00	e-MERGE Galaxy Evolution Survey. Tom Muxlow
18:00-18:15	ALMA to test AGN feedback: Tracing molecular gas along the main sequence. Darshan Kakkad
18:15-18:30	Summary talk.

S7 · X-rays from AGN

Metropolitan Hotel- Rodos

09:15-09:45	X-ray spectroscopy of Active Galactic Nuclei. Anna Lia Longinotti	
09:45-10:00	X-ray Spectral Diagnostic of Physical Environment in Seyfert Galaxies. Ken Ebisawa	
10:00-10:15	Deciphering variability of the accretion disk and outflows in AGN. Missagh Mehdipour	
10:15-10:30	The Origin of the Broad Ionization Distribution in Warm Absorbers. Ehud Behar on behalf of Jonathan Stern	
10:30-10:45	Timing the warm absorber in NGC4051. Catia Silva	
10:45-11:05	Short poster presentations - see separate programme for details	
11:05-11:15	COFFEE (FOUNDATION)	
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES	
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)	
15:00-15:30	$XMM\text{-}Newton\ Highlights\ of\ AGN\ observations.\ \mathbf{Norbert}\ \mathbf{Schartel}$	
15:30-16:00	Astrosat and AGN Science. Gulab Dewangan	
16:00-16:15	The X-ray Imaging Polarimetry Explorer and the other future missions of X-ray polarimetry. Fabio Muleri	
16:15-16:30	The X-ray polarimetric view of the AGN central engine. Giorgio Matt	
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)	
17:00-17:15	Accretion disk tomography using X-ray polarimetry? Frédéric Marin	
17:15-17:45	X-ray View of Obscured Accretion. Yoshihiro Ueda	
17:45-18:00	Probing the structure of circumnuclear gas and dust with NuSTAR. Matteo Guainazzi	
18:00-18:15	A hard X-ray view of the soft excess in AGN. Rozenn Boissay	
18:15-18:30	The tight physical relation between the UV and X-ray emission in quasars. Guido Risaliti	

S8 \cdot Interstellar dust and gas coupling

Metropolitan Hotel- Corfu I

09:15-09:45	Increasing chemical complexity in PDRs. Javier Goicoechea
09:45-10:00	Dust evolution in Protoplanetary Disks. Leonardo Testi
10:00-10:30	The Complex Organic Reservoir in Solar-system Precursors. Izaskun Jimenez-Serra
10:30-10:45	Deuterated spin chemistry from cloud to protoplanetary disk: modeling and future observation. Liton Majumdar
10:45-11:15	COFFEE (FOUNDATION)
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	Observing the chemistry of protostellar jet-disk systems. Linda Podio
15:30-15:45	Dust in comets and proto-stellar disks – clues from Rosetta COSIMA. Rita Schulz
15:45-16:00	Dust dynamics and evolution in HII regions: emission rings in dynamical models. Yaroslav Pavlyuchenkov
16:00-16:15	Chemical modeling of high-mass star formation with internal PDRs Gwendoline Stéphan
16:15-16:30	Dust formation and processing in the clumpy supernova remnant Cassiopeia A. Chiara Biscaro
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:30	Gas-dust interactions in shock regions. Prospecting the interplay between laboratory astrophysics, models and observations. Antoine Gusdorf
17:30-17:45	Lifecycle of interstellar grains in numerical simulations of GMC evolution. Svitlana Zhukovska
17:45-18:00	Variations of dust properties with two full dust models in the Magellanic Clouds. Jeremy Chastenet
18:00-18:15	Hierarchical Bayesian modeling in DustPedia galaxies: The dust-to- gas mass ratio in IC10. Sophia Lianou
18:15-18:30	Short poster presentations - see separate programme for details

S9 · The dynamics of star and planet formation

Metropolitan Hotel- Delos Hall

09:15-09:30	Resolved maps of Star Formation Rate and Efficiency in Orion A. Josefa Grossschedl	
09:30-09:45	Dynamics of young clusters with the Gaia-ESO Survey. Giuseppe Germano Sacco	
09:45-10:00	VISION - Vienna survey in Orion . Stefan Meingast	
10:00-10:15	Orion Belt Population. Karolina Kubiak	
10:15-10:45	The origin and role of feedback in star formation and star clusters. Jonathan Mackey	
10:45-11:15	COFFEE	
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES	
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)	
15:00-15:15	From atomic HI to HII feedbacks - THOR (The HI/OH/ Recombination line survey of the Milky Way) Yuan Wang	
15:15-15:30	Multi-wavelength star - and planet formation studies with ESASky. Bruno Merin	
15:30-15:45	Feedback-driving stars and feedback-driven structures: connecting the dots with integral field spectroscopy. Anna Faye Mc Leod	
15:45-16:00	Testing theories of triggered star formation in the outer Galactic disk. Kazi Rygl	
16:00-16:30	Formation of brown dwarfs as a result of dynamical interaction: possible evidence for truncated disks in Ophiuchus. Leonardo Testi	
16:30-17:00	COFFEE	
17:00-17:15	Polarimetry at millimetre wavelengths with the NIKA and NIKA2 camera. Alessia Ritacco	
17:15-17:30	Short poster presentations - see separate programme for details	
17:30-17:45	The Orion Radio All-Stars: a deep VLA census and VLBA precision astrometry. Jan Forbrich	
17:45-18:15	Current and future facilities for studying stellar kinematics. Anthony Brown	
18:15-18:30	Tracing the gas, dust and ice evolution in planetary systems with SPICA. Marc Audard	

S15 · Exploring pulsar formation

Metropolitan Hotel- Syros I+II

09:15-09:45	Timing Low-Mass X-Ray Binaries and Accreting Millisecond Pulsars. Michiel van der Klis
09:45-10:00	Highlights and perspectives of binary pulsar timing. Andrea Possenti
10:00-10:15	The orbital variability in transitional msec pulsar binaries. Domitilla De Martino
10:15-10:30	Long-term orbital evolution of accreting millisecond X-ray pulsar SAX J1808.4-3658. Andrea Sanna
10:30-10:45	Short poster presentations - see separate programme for details
10:45-11:15	COFFEE (FOUNDATION)
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	Exploring pulsar formation, evolution and magnetic field with X-ray polarimetry and high energy resolution, high sensitivity spectroscopy. Giorgio Matt
15:30-15:45	Exploring pulsar formation, evolution and magnetic field with large-area, spectral-timing X-ray missions. Marco Feroci
15:45-16:15	Spectral studies of Low Mass X-ray Binaries and Accreting Millisecond Pulsars. Edward Cackett
16:15-16:30	Timing the corona in neutron-star low-mass X-ray binaries. Mariano Mendez
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	Accretion States of Low Mass X-ray Binaries and Accreting Millisecond Pulsars. Teo Munoz-Darias
17:15-17:30	NuSTAR and XMM-Newton broad-band spectrum of SAX J1808.4- 3658 during the latest outburst. Tiziana Di Salvo
17:30-17:45	On the origin of the hard X-ray spectra of neutron-star X-ray binaries. Nikolaos Kylafis
17:45-18:00	The transient LMXBs IGR J17451-3022 and Swift J174540.7- 290015 observed by INTEGRAL, XMM-Newton, and Swift. Enrico Bozzo
18:00-18:15	Glancing through the accretion column of a high-magnetic field pulsar: the case of EXO 2030+375. Carlo Ferrigno
18:15-18:30	Short poster presentations - see separate programme for details

S16 · Frontiers of massive-star evolution

Metropolitan Hotel- Chios

09:15-09:45	Massive Star Evolution Revised: Ejection of Massive H-rich material timed with core-collapse. Raffaella Margutti
09:45-10:00	SN 2015bh - NGC 2770s 4th SN or a new class of SN impostor?. Christina Thöne
10:00-10:15	Gone without a bang: an archival HST survey for disappearing massive stars. Thomas Reynolds
10:15-10:30	The circumstellar ring of SN 1987A . Claes Fransson
10:30-10:45	Multidimensional Simulations of Colliding Outbursts from very Massive Stars. Ke-Jung Chen
10:45-11:15	COFFEE (FOUNDATION)
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	Superluminous supernovae in wind-interaction models. Sergey Blinnikov
15:30-15:45	Fast evolving pair-instability supernovae. Alexandra Kozyreva
15:45-16:00	Parameter studies of supernovae in the survey era. Mattias Ergon
16:00-16:15	Finding the First Cosmic Explosions. Daniel Whalen
16:15-16:30	Light-curve and spectral properties of ultra-stripped core-collapse supernovae. Takashi Moriya
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:45	Discussion
17:45-18:30	Short poster presentations - see separate programme for details

S17 · Magnetic helicity in Sun and Stars

Eugenides	Foundation	Meetina	Room

09:15-10:00	Magnetic helicity estimations in models and observations of the solar magnetic field: Finite volume methods. Gherardo Valori
10:00-10:15	Magnetic helicity conservation in active events. Etienne Pariat
10:15-10:30	Using the Magnetic Helicity Conservation Principle to Infer the Magnetic Field Magnitude of Solar and Stellar Coronal Mass Ejections. Spiros Patsourakos
10:30-10:45	Short poster presentations - see separate programme for details
10:45-11:15	COFFEE (FOUNDATION)
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:45	A new twist to numerical simulation of solar flares. Piyali Chatterjee
15:45-16:00	Multi-Instrument Analysis of a C4.1 Flare Occurring in a Delta Spot. Salvo Guglielmino
16:00-16:15	Critical Diagnostics of Solar Magnetism Enabled by Magnetic Helicity. Manolis Georgoulis
16:15-16:30	Magnetic Stars in Young Clusters and Associations. Iosif Romanyuk
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)

SS4 · Spectroscopic surveys

Eugenides Foundation- Ballroom

09:15-09:30	WEAVE: Science and Status. Scott Trager
09:30-09:45	4MOST - 4-metre Multi-Obeject Spectroscopic Telescope. Roelof De Jong
09:45-10:00	The Potential and Legacy value of MOONS at the VLT in the 2020s. Michele Cirasuolo
10:00-10:15	Short poster presentations - see separate programme for details
10:15-10:45	A discussion about the synergies made possible with the three instruments. Discussion
10:45-11:15	COFFEE
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	Galactic Archaeology in the era of Gaia and the next generation European high-multiplex spectroscopic survey instruments. Vanessa Hill
15:30-15:45	The MOONS Inner Galaxy Legacy Survey. Oscar A. Gonzalez
15:45-16:00	Binary stars and large spectroscopic surveys. Edita Stonkute
16:00-16:15	Short poster presentations - see separate programme for details
16:15-16:30	A discussion about the synergies between different Galactic surveys. Discussion
16:30-17:00	COFFEE
17:00-17:30	Galaxy Evolution with the next generation of MOS surveys. Matt Jarvis
17:30-18:00	Synergies between Euclid and ground-based spectroscopic surveys. Jarle Brinchmann
18:00-18:15	StePS: the Stellar Population at intermediate redshift Survey with WEAVE. Bianca Poggiant i
18:15-18:30	Extragalactic distances from spectroscopic monitoring of active galactic nuclei. Bozena Czerny

SS10 · Nanoradians on the sky

Metropolitan Hotel- Corfu II

09:15-09:30	The European VLBI Network. Reve Vermeulen
09:30-10:00	Pinpointing Pulsars with SKA1-VLBI Astrometry. Adam Deller
10:00-10:15	Strategies for high precision astrometry at low frequencies: MultiView calibration. Maria Rioja
10:15-10:30	Galactic astrometry with VLBI. Huib Jan Van Langevelde
10:30-10:45	Ske Key Science Programmes: Where do we fit in? Discussion
10:45-11:15	COFFEE (FOUNDATION)
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	The importance of radio-AGN feedback in massive galaxy formation: Obersvational constraints. Vernesa Smolcic
15:30-15:45	There's nowhere to run, nowhere to hide: faint microJy AGN in the HDF-N. Jack Radcliffe
15:45-16:00	3C 84 at sub-parsec resolution. Gabriele Giovannini
16:00-16:15	A detailed look at radio quasars at z>4.5. Sandor Frey
16:15-16:30	Generic SKA surveys and VLBI Discussion
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:30	FRelativistic tidal disruption events: what do we learn from their rate distribution? Immacolata Donnarumma
17:30-17:45	Lense-thirring precession during tidal disruption events and in x-ray binaries. Alessia Franchini
17:45-18:00	VLBI of Gamma Ray Bursts and Supernovae in the age of SKA. Michael Bietenholz
18:00-18:15	Fast Radio Bursts and the SKA. Evan Keane
18:15-18:30	Transient uses cases: SKA triggers, VLBI follow-up and commensality. Discussion
SS12 · Promoting diversity in astronomy

Eugenides Foundation- Conference Hall

09:15-09:30	Introduction to SS12
09:30-10:00	Gender equality in astronomy: the role of the IAU Working Group of Women in Astronomy. Francesca Primas
10:00-10:15	Fixing the Leaky Pipeline: First Results from the Astronomy Longitudinal Survey. Stefanie Wachter
10:15-10:45	Who leaves academia and why? Gaining insight into the transition process and educating our young. Ioanna Arka
10:45-11:15	COFFEE (FOUNDATION)
11:15-13:00	EUGENIDES FOUNDATION- AMPHITHEATER PLENARIES
13:00-15:00	LUNCH (FOUNDATION & METROPOLITAN)
15:00-15:30	Authentic leadership as a pathway towards (gender) diversity. Susanne Braun
15:30-15:45	Guided discussion on socio-economic disadvantages for students from developing countries. Claudia Lagos
15:45-16:00	A guided discussion on unconscious bias. Violeta Gonzalez-Perez
16:00-16:15	Living with Impostor Syndrome. Michelle Furlong
16:15-16:30	Steps to make a difference to diversity. Discussion
16:30-17:00	COFFEE (FOUNDATION & METROPOLITAN)
17:00-17:15	Gender Issues is Astronomy. Heather Campbell
17:15-17:30	The Work of the Ogden Trust in the UK. Johanna Jarvis
17:30-17:45	Supporting Teachers in Astrophysics. Mark Gallaway
17:45-18:00	Short poster presentations - see separate programme for details
18:00-18:15	How do we increase diversity in the next generation? $\ensuremath{\textbf{Discussion}}$
18:15-18:30	What is next for diversity?/ Summaty and wrap up. Discussion

Social Programme

WELCOME COCKTAIL

Sunday, 3 July 18.00 – 19.30

The Welcome Cocktail will be served at the Eugenides Foundation.

STUDENT DRINK AT NATIONAL OBSERVATORY OF ATHENS

Tuesday, 5 July at 20.00

An informal drink followed by a musical performance of the Grove Attack Big Band will take place at the gardens of the National Observatory of Athens. This event, free of charge, is for students attending EWASS in order to allow them to meet and exchange ideas. Pre-registration is required.

CONFERENCE DINNER

Wednesday, 6 July at 20.30

The Conference dinner will take place at the impressive Ble Restaurant at Alimos beach in front of the sea, just 5km from the conference venue. Pre-registration is required.

PUBLIC TALK IN GREEK

Tuesday, 5 July at 19:00

On the occasion of EWASS 2016, Dr. Jason Spyromilio (ESO) will give a public talk in Greek entitled "The accelerating Universe" at 19:00 at the Eugenides Foundation.

GENERAL INFORMATION ABOUT ATHENS

ALTITUDE 170m above see level

CLIMATE Average temperatures: 25 – 33 Celcius

CURRENCY Euro (EUR)

ELECTRICITY

Voltage 220 Volts – socket converters are available in local shops.

LANGUAGES

Official language is Greek, but English is widely spoken.

POPULATION

Athens is the biggest city of the country with nearly 3 million inhabitants in the metro area

TIPPING

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

