



EUROPEAN WEEK OF ASTRONOMY AND SPACE SCIENCE

# SHORT POSTER PRESENTATIONS PROGRAMME

4-8 JULY 2016, ATHENS, GREECE





## S1 · First Gaia Data

### Metropolitan Hotel- Chios

#### 12:45-13:00 SHORT POSTER PRESENTATIONS

Documenting Gaia's first data release. **Jos de Bruijne**

Gaia's Unresolved Galaxy Classifier's (UGC) taxonomic schemes. **Antonios Karampelas**

Non-Single Stars with Gaia. **Panagiotis Gavras**

Analysis and knowledge discovery by means of Self-Organising Maps for Gaia data releases. **Marco Antonio Álvarez**

The GREAT-esf program GAGNES: Gaia for AGN and Extragalactic Science. **Brigitte Rocca-Volmerange**

Planetary Nebulae Revealed by Gaia. **Nicholas Walton**

#### 18:15-18:30 SHORT POSTER PRESENTATIONS

Serbian-Bulgarian mini-network telescopes for observations of Gaia-FUN-TO. **Goran Damjanovic**

Preparing for the Gaia extragalactic reference frame: optical-radio positional offsets for large samples of AGN. **Sándor Frey**

Identifying and Characterizing Be Stars with LAMOST and GAIA. **Chien-Cheng Lin**

Study of the Gaia/RVS range DIBs via ground-based high resolution spectroscopy. **Vira Godunova**

Homogeneous abundance and kinematic analysis of a large sample of barium stars. **Natalia Drake**

Star Formation with the Gaia-ESO Survey. **Giuseppe Germano Sacco**

The Sco-Cen OB association and the Gould Belt. **Difeng Guo**

## S3 · MUSE

### Metropolitan Hotel- Rodos

#### 16:15-16:30 SHORT POSTER PRESENTATIONS

MUSE observations of stellar counter-rotation in disks galaxies: first results. **Alessandro Pizzella**

A MUSE mosaic of the Trifid nebula. **Jarle Brinchmann**

Hunting for the dark phases of galaxy formation with MUSE. **Raffaella Anna Marino**

Searching for Intergalactic Filaments in Lyman Alpha Emission by Galaxy Pair Stacking in the MUSE Hubble Deep Field South. **Sofia Gallego**



## S6 · Exploring the outskirts

Eugenides Foundation- Ballroom

12:45-13:00 SHORT POSTER PRESENTATIONS

Violent Interactions in the Vicinity of M86. **Matthias Ehle**

Filament Structures around the Virgo Cluster. **Suk Kim**

Testing the cold dark matter model with cluster mass distributions. **Victor H. Robles**

The mass accretion rate of galaxy cluster: a measurable quantity. **Cristiano De Boni**

## S11 · Gamma-ray bursts

Metropolitan Hotel- Delos Hall

16:15-16:30 SHORT POSTER PRESENTATIONS

The  $E_p$ - $i$  - "intensity" correlation in GRBs: observational status, implications, perspectives. **Lorenzo Amati**

GRB 140304A at  $z=5.283$ : Implications on the simultaneously observed flaring activities in gamma-ray to optical. **Soomin Jeong**



# S12 · Stellar and AGN feedback

## Eugenides Foundation- Amphitheater

### 12:30-12:45 SHORT POSTER PRESENTATIONS

The stellar populations of AGN hosting galaxies as seen from Near-IR absorption features. **Alexandre Vazdekis**

UV ISM absorption lines as outflows tracers: a comparison between AGNs and SFGs. **Margherita Talia**

A far-IR and optical 3D view of the starburst driven superwind in NGC 2146. **Kathryn Kreckel**

The influence of outflows on the formation of dusty torus in AGN. **Elena Bannikova**

Supernovae versus AGN in distant radiogalaxies with the code Pégase.3. **Brigitte Rocca-Volmerange**

The Swift/UVOT Blazar image processing for multi-wavelength campaigns. **Francesco Verrecchia**

### 16:15-16:30 SHORT POSTER PRESENTATIONS

Outflowing gas in a luminous obscured quasar at  $z=1.6$  in the Chandra Deep Field-South. **Cristian Vignali**

From Quasars to Stars. A method of multicomponent analysis of spectral lines of BALQSOs and Hot Emission Stars. **Evangelia Lyratzi**

On the modeling of Si IV and C IV broad absorption troughs in BAL Quasar spectra. A method of multicomponent analysis. **Dimitrios Stathopoulos**

Unveiling the X-ray/UV properties of accretion disk winds in Active Galactic Nuclei using Broad and mini-Broad Absorption Line quasars. **Margherita Giustini**

Star-formation quenching in broad absorption line quasars: feedback from accretion-disk winds at different scales. **Gabriele Bruni**

The Call triplet in Quasars: from the accretion disk to the star formation. **Paola Marziani**



## S13 · High and very high gamma-ray astronomy

Metropolitan Hotel- Delos Hall

### 12:45-13:00 SHORT POSTER PRESENTATIONS

FACT - Status and Experience from Four Years of Operation with SiPMs in an IACT Camera. **Roland Walter on behalf of Daniela Dörner**

FACT - Blazar Monitoring at TeV Energies.  
**Roland Walter on behalf of Daniela Dörner**

Intrabinary interactions in pulsar systems revealed by Fermi/LAT. **Zhongxiang Wang**

Estimate of the Fermi LAT sensitivity for gamma-ray polarization. **Matteo Gioni**

GTC optical spectroscopy of 25 BL Lac objects detected at the TeV energies.  
**Marco Landoni**

GRBs: a multi-wavelength approach **Susanna Vergani**

Is the Blazar Sequence related to accretion disk winds? **Stella Boula**

## SS9 · Episodic accretion

Eugenides Foundation- Conference Hall

### 16:15-16:30 SHORT POSTER PRESENTATIONS

Optical light curves of FUor and FUor-like objects. **Evgeni Semko**

Impact of initial conditions and variable accretion rates on the pre-main-sequence evolution of massive and intermediate-mass stars. **Lionel Haemmerlé**

EXORCISM: a photometric and spectroscopic monitoring programme of EXor pre-main sequence eruptive variables. **Simone Antoniucci**

Episodic accretion in supermassive star formation and formation of SMBH seeds in the early universe. **Yuya Sakurai**

The Role of Episodic Accretion on Disk Evolution and Chondrule Formation.  
**Anthony Mercer**

atypical FU Ori-type young eruptive star: the outburst and evolution of HBC 722 in Cygnus. **Péter Ábrahám**

MONDAY, 4 JULY



## S1 · First Gaia Data

### Metropolitan Hotel- Chios

#### 12:45-13:00 SHORT POSTER PRESENTATIONS

Bar versus thick disc populations in the bulge region. **Annie Robin**

The Gravitational Potential (GraPot16) of the Galaxy from the Besançon galaxy model in the Gaia era. **Jose Fernandez-Trincado**

Cool runaways - Nearby Hills ejecta as a probe of the gravitational potential of the Milky Way. **Martin C. Smith**

The Perseus arm kinematic perturbation in the Galactic Anticentre direction from BA stars. **Maria Monguió**

Stellar multiplicity and large surveys. **Edita Stonkute**

Gaia-ESO study of the open cluster Pismis 18. **Despina Hatzidimitriou**

The OCCASO survey and chemical abundances determination. **Carme Jordi**

Classification of variable stars in the Gaia Data Release 1 catalog. **Nami Mowlavi**

Clumpy Structure in a 4D Phase-Space Volume for the Cluster NGC 2548. **Emilio J. Alfaro**

## S2 · CMB Polarized Foregrounds

### Eugenides Foundation Meeting Room

#### 12:45-13:00 SHORT POSTER PRESENTATIONS

The Planck Legacy Archiv. **Xavier Dupac**

Preliminary solution of the CMB dipole within the ECM rotating Universe: A sample test on the historic G7 survey. **Luciano Lorenzi**

Microwave emission from hydrogen. **Mark Walker**

A second view on synchrotron linear polarisation fluctuations. **Jean-Francois Robitaille**

## S3 · MUSE

### Metropolitan Hotel- Rodos

#### 12:30-12:45 SHORT POSTER PRESENTATIONS

The MUSE Atlas of Disks (MAD) view of formation histories of galactic subcomponents. **Mark Den Brok**

Kinematics and Emission Line Astrophysics from the MUSE Atlas of Disks (MAD). **Santiago Erroz Ferrer**

Evolution of the minor and major galaxy merger rate in MUSE deep fields. **Emmy Ventou**

A MUSE-inspired view of the quasar Q2059-360 and its neighborhood. **Raffaella Anna Marino on behalf of Pierre North**



## S6 · Exploring the outskirts of galaxy clusters

Eugenides Foundation- Ballroom

12:45-13:00 SHORT POSTER PRESENTATIONS

The dynamical state of the galaxy clusters -- a view from Hydro-simulation.

**Weiguang Cui**

Cluster's entropy profile at high redshift. **Vittorio Ghirardini**

The discovery of a shock in Abell 115 and its connection with the radio relic.

**Andrea Botteon**

Studying the Effect of Shock Obliquity on the gamma-ray and diffuse Radio Emission in Galaxy Clusters. **Denis Wittor**

## S11 · Gamma-ray bursts

Metropolitan Hotel- Delos Hall

10:30-10:45 SHORT POSTER PRESENTATIONS

Gamma-Ray Bursts at high redshift. **Graziella Pizzichini**

GRB hosts through cosmic time. VLT/X-Shooter emission-line spectroscopy of -ray-burst-selected galaxies at  $0.1 < z < 3.6$ . **Thomas Kruehler**

TUESDAY, 5 JULY



## S12 • Stellar and AGN feedback

### Eugenides Foundation- Amphitheater

#### 10:30-10:45 SHORT POSTER PRESENTATIONS

Using ALMA to disentangle starbursts and AGN contribution at 1.2mm in massive radio galaxies. **Theresa Nilsson**

Circumnuclear Star Formation and the Origin of Radio Emission in the BAT AGN Sample: Insights from High-Resolution Radio Maps. **Krista Lynne Smith**

The host galaxies of active galactic nuclei with powerful relativistic jets. **Jari Kotilainen**

Modelling the outflow of cosmic rays in radio- and star-forming galaxies. **Volker Heesen**

AGN Jets on the kiloparsec Scale as Multi-TeV Particle Accelerators. **Eileen Meyer**

#### 18:15-18:30 SHORT POSTER PRESENTATIONS

A benchmark study of Active Galactic Nuclei: Decoupling luminosity and evolution in the SEDs of AGN. **Eleni Kalfountzou**

Physical and demographic characterization of X-ray/SDSS AGNs in the feedback phase. **Michele Perna**

The structural properties of the host galaxies of luminous type 2 active galactic nuclei at  $z \sim 0.3$ . **Juan Jose Urbano Mayorgas**

Using spectral-timing to study warm absorbers in AGN. **Catia Silva**

Radio frequency observations of a newly identified 2.6 Mpc giant radio galaxy. **Alex Clarke**

The Starburst-AGN Relation in Nearby Galaxies: The Case of NGC 1566. **Laura Tomas**



## S13 · High and very high gamma-ray astronomy

### Metropolitan Hotel- Corfu II

12:45-13:00 SHORT POSTER PRESENTATIONS
Gamma-rays from collisions of luminous stars with relativistic jets in blazars. <b>Wlodek Bednarek</b>
Emission properties of compact star clusters. <b>Petr Gladilin</b>
Pulsar observations at Very High Energies with the MAGIC telescopes. <b>Marcos López</b>
Gamma-ray emission from Cyg X-1 and Vela X-1. <b>Roland Walter</b>
GTC optical spectroscopy of Unassociated Gamma-ray Sources. <b>Simona Paiano</b>
The updated mean fluxes of a list of known AGILE-GRID catalog sources on 2.3 years dataset. <b>Francesco Verrecchia</b>

## S14 · Time domain astronomy

### Metropolitan Hotel- Corfu I

12:30-12:45 SHORT POSTER PRESENTATIONS
Since 2000, the M101-OT odyssey. <b>Nadejda Blagorodnova</b>
iPTF15dtg: a double-peaked Type Ic supernova from a massive progenitor. <b>Francesco Taddia</b>
DES15E2mlf: A Spectroscopically Confirmed Superluminous Supernova at Redshift 1.861. <b>Yen-Chen Pan</b>
Hydrogen-poor Superluminous Supernovae in the Palomar Transient Factory: the light-curve properties. <b>Alceste Bonanos</b>
LOFT-e: Localisation of Fast Transients with e-MERLIN. <b>Annalisa De Cia</b>
The Hubble Catalog of Variables. <b>Charles Walker</b>



## S5 · How galaxies live and die

### Eugenides Foundation- Amphitheater

#### 12:45-13:15 SHORT POSTER PRESENTATIONS

- A Bayesian's perspective of quenching via bulge evolution. **Josh Argyle**
- Spin axes and star formation of disk galaxies within the "3D cosmic web". **Valérie De Lapparent**
- Modeling and interpreting the spectral energy distribution of galaxies in the era of JWST/NIRSpec. **Jacopo Chevallard**
- Properties of dust and gas in (Ultra) Luminous Infrared Galaxies. **Emmanuel Xilouris**
- Evolution of Balmer jump selected galaxies in the ALHAMBRA survey. **Paulina Troncoso Iribarren**
- The interplay between gas and stars in star forming galaxies selected by GRBs. **Maryam Arabsalmani**
- The differential evolution of hot- and cold-dust in Galaxies in the last 10 Gyr. **Joana P. Oliveira**
- Study of star formation history and star clusters of central region Small Magellanic Cloud. **Achillies Strantzalis**
- Young stars in nearby early-type galaxies: the ultraviolet fundamental planes. **Hyunjin Jeong**

## S10 · Cluster Lenses

### Metropolitan Hotel- Corfu II

#### 12:45-13:00 SHORT POSTER PRESENTATIONS

- Physical properties of low mass MUSE-confirmed galaxies at  $z > 3$  in the Frontier Fields. **Johany Martinez**
- Using strong lensing and the Einstein radius to infer dark matter distribution in the scalar field dark matter model. **Victor H. Robles**
- Next Generation Virgo Cluster Survey. XXI. The weak lensing analysis of CFHTLS and NGVS galaxy clusters. **Carolina Parroni**
- The Canarias Einstein Ring: a Newly Discovered Optical Einstein Ring. **Margherita Bettinelli**
- Subhalos in the real Universe: constraints from satellite galaxy-galaxy lensing. **Cristobal Sifon**
- Finding the First Cosmic Explosions with Cluster Lenses. **Daniel Whalen**



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

Metropolitan Hotel- Syros I+II

### 12:30-12:45 SHORT POSTER PRESENTATIONS

The Forecasting Solar Particle Events and Flares (FORSPF) tool: an operational integrated solution for solar radiation storms. **Anastasios Anastasiadis**

Magnetic induction in footpoints of coronal loops. **Ivan Dorotic**

Formation of Coronal Shock Waves **Slaven Lulic**

New idea of geomagnetic monitoring through ENA detection from the International Space Station: ENAMISS project **Anna Milillo**

Changes in the High Voltage grid and atmospheric weather in North Greece during the superstorm of March 2012. **Georgios Anagnostopoulos**

Manifestations of space weather in the upper atmosphere and ionosphere of the Earth identified by drag dynamics of artificial satellites in the different phases of solar cycle. **Volodymyr Komendant**

### 18:00-18:15 SHORT POSTER PRESENTATIONS

On the dynamics and heating by transverse waves in simulated coronal loops. **Konstantinos Karamelas**

The drag-based model in a complex numerical environment. **Tomislav Zic**

Statistical properties of the magnetic field in the Kronian magnetosphere and influence of the solar wind pressure. **Stavros Sklavenitis**

Assessing the Role of Small versus Large Confined Flaring Events Into Building the Magnetic Configurations Resulting into Major Coronal Mass Ejections. **Spiros Patsourakos**

## SS3 · Evolved stars at high angular resolution

Eugenides Foundation - Meeting Room

### 12:45-13:00 SHORT POSTER PRESENTATIONS

The Sanduleak's star in the Large Magellanic Cloud. **Rodolfo Angeloni**

Investigating cycle-to-cycle variations in the long-period Cepheid I Carinae using VLT/PIONIER and EULER/CORALIE. **Richard I Anderson**

Classification of Galactic Bubbles from a Morphological Multiwavelength Study. **Filomena Bufano**

Combining interferometric measurements with hydro simulations to understand the colliding wind binary Gamma Vel. **Astrid Lamberts**

Model fitting of dusty Pinwheel nebulae WR104: probing inner region with interferometry. **Anthony Soullain**



## SS6 • Milky Way bulge

## Metropolitan Hotel- Delos Hall

## 10:30-10:45 SHORT POSTER PRESENTATIONS

No Black hole at the Galactic Center? **Qiuhe Peng**Multiple stellar populations and the origin of the double red clump in the Milky Way bulge. **Young-Wook Lee**Mapping the 3D "X-Shape" Structure of the Galactic Bulge. **Zhao-Yu Li**Helium-rich stellar populations in the Bulge Globular Clusters. **Antonino Milone**The Galactic bulge structure from the OGLE RR Lyrae stars and microlensing. **Lukasz Wyrzykowski**The giga-CMD of the VVV survey. **Javier Alonso-Garcia**The Shanghai Bulge (ShaBu) Survey. **Martin C. Smith**On the origin of double red clump in the Galactic bulge: an alternative interpretation by multiple stellar populations. **Seok-Joo Joo**



## SS8 · Globular clusters

### Eugenides Foundation- Ballroom

#### 12:30-12:45 SHORT POSTER PRESENTATIONS

Searching For Be Stars in Star Clusters. **Chien-Cheng Lin**

Star Formation in Cooling Winds of Massive Star Clusters. **Jan Palouš**

A chemical characterisation of the multiple SGB of 47 Tucanae. **Anna Marino**

The Curious Case of M22 (NGC 6656). **Jae-Woo Lee**

Tracing the Evolution of Galactic Bulge Globular Clusters. **Cesar Munoz**

Radial Gradients of Multiple Stellar Populations in the Galactic Globular Cluster NGC2808. **Matteo Simioni**

The inner Galactic globular clusters in the VV survey.  
**Javier Alonso-Garcia**

Multiple populations and supernova enrichment in the globular cluster NGC 6273. **Sang-Il Han**

Detailed chemical composition of the peculiar globular cluster NGC 1851.  
**Grazina Tautvaisiene**

Multiple stellar populations in young LMC clusters? **Alexandre Vazdekis**

WEDNESDAY, 6 JULY



## S4 • Far - infrared space astrophysics

### Eugenides Foundation- Conference Hall

#### 16:15-16:30 SHORT POSTER PRESENTATIONS

Far-IR observations of Titan and the kronian system with the next generation of spectrometers. **Athena Coustenis**

Puzzling mid-infrared spectra of lithium-rich K giant stars. **Natalia Drake**

## S5 • How galaxies live and die

### Eugenides Foundation- Amphitheater

#### 12:30-13:00 SHORT POSTER PRESENTATIONS

AGN feedback, quiescence and CGM metal enrichment in early-type galaxies. **Maximilian Eisenreich**

A close look at secular evolution: The effects of boxy/peanut bulges on gas inflow to the central regions. **Francesca Fragkoudi**

Gaseous disks and star formation in S0 galaxies. **Olga Silchenko**

A novel prescription of the CO-to-H<sub>2</sub> conversion factor with applications to star formation efficiency. **Gioacchino Accurso**

Multifrequency studies of galaxies and groups: Environmental effect on galaxy stellar mass and morphology. **Anup Poudel**

Characterising the closest LINER : Andromeda's bulge. **Anne-Laure Melchior**

#### 14:30-15:00 SHORT POSTER PRESENTATIONS

On the formation of the largest galaxies in the local universe. **Jaime Perea**

Dissecting the quenching mechanism in low luminosity FIR sources at  $z < 0.5$ . **Cirino Pappalardo**

Early-Type Galaxies: constraining their stellar populations from the UV to the Near-IR **Alexandre Vazdekis**

The evolution of the star formation and the nuclear activities in compact groups of galaxies over the past 3 Gyr. **Vassilis Charmandaris on behalf of Theodoros Bitsakis**

Investigating the physical properties of a large galaxy sample with Spitzer mid-IR spectra: UV to infrared modelling. **Marina Vika**

Dynamical modeling and baryonic content of NGC 5055 and DDO 154 **Milena Jovanovic**



## S7 · X-rays from AGN: looking into the central engine

### Metropolitan Hotel - Rodos!

#### 12:45-13:15 SHORT POSTER PRESENTATIONS

Hydrodynamical high performance simulations of an accretion disk surrounding a supermassive black hole and its interactions. **Fabian Klein**

Dynamical interaction of Supermassive Black Holes with the surrounding stellar system. **Taras Panamarev**

Transonic structure of slowly rotating accretion flows in galaxy centers. **Agnieszka Janiuk**

Hot accretion flow vs lamppost models of X-ray emission in hard spectral states of black-hole systems. **Andrzej Niedzwiecki**

Multiple Inverse Compton scattering component in the agnjet model. **Chiara Ceccobello**

Analysis of the soft X-ray excess of AGN in the 4D Eigenvector 1 space **Ascension del Olmo**

Effect of Microlensing on the Quasar Iron-Line Profile. **Lukáš Ledvina**

Long term X-ray variability of quasars. **Riccardo Middei**

#### 18:30-18:45 SHORT POSTER PRESENTATIONS

Investigating X-ray reverberation time-delays in AGN using two-blobs model. **Poemwai Chainakun**

Statistical properties of Fourier-based time-lag estimates. **Iosif Papadakis**

THURSDAY, 7 JULY



## S8 · Interstellar dust and gas coupling

### Metropolitan Hotel- Corfu I

#### 12:30-12:45 SHORT POSTER PRESENTATIONS

An Observational Link Between the 2175Å UV extinction feature and Polycyclic Aromatic Hydrocarbons IR emission. **Avi Blasberger**

Dust variations with gas in nearby cloud complexes. **Quentin Remy**

Gas Absorption and Dust Extinction towards the Orion Nebula Cluster **Birgit Hasenberger**

#### 18:15-18:30 SHORT POSTER PRESENTATIONS

Revisiting the sulphur chemistry of dark cloud. **Thomas Vidal**

Multi-component physical conditions of a giant stellar nursery. **Vlas Sokolov**

The Draco nebula: Structure formation in a colliding flow. **Quentin Salome**

Radiative Transfer meets Bayesian statistics: where does your Galaxy's [CII] come from? **Gioacchino Accurso**

Unveiling the water puzzle in cold PDRs: The Horsehead case. **David Teyssier**

## S9 ·The dynamic of star and planet formation

### Metropolitan Hotel - Delos

#### 15:30-15:45 SHORT POSTER PRESENTATIONS

Multiple outflows, disk and jets in the S255 area of high mass star formation. **Igor Zinchenko**

Galactic supershell GS242-03+37, a cradle of stellar clusters. **Sona Ehlerova**



## S15 · Exploring pulsar formation

### Metropolitan Hotel Syros I+II

18:15-18:30 SHORT POSTER PRESENTATIONS

Searching for pulsars in the Galactic Center at high frequencies. **Maria Noemi Iacolina**

900-day radio monitoring of X-ray binary LSI+61d303 with RATAN-600 telescope. **Sergei Trushkin**

Pulsars at the Center of the Galaxy. **Walid Majid**

Wolf-rayet type stars hd 191765 as possible evolutionary precursor of low mass x-ray binary systems. **Aynur Abdulkarimova**

THURSDAY, 7 JULY



## S5 · How galaxies live and die

### Eugenides Foundation- Amphitheater

#### 14:30-15:00 SHORT POSTER PRESENTATIONS

Relationships between galaxy mass, SFR and heavy element abundance in galaxy pairs. **Maritza Lara-López**

Probing Environmental Effects on Galaxies in the Virgo Cluster. **Ung Lee**

How much of their stellar mass have cluster galaxies lost to the ICL ? **Edouard Tollet**

Observations of a rich proto-cluster at  $z=6.5$ . **Jose Miguel Rodriguez Espinosa**

The ubiquity of low-luminosity radio AGN activity among massive quiescent galaxies. **Allison Wing Shan Man**

Dusty star-forming galaxies in intermediate-mass clusters up to  $z \sim 1$ . **Sonia Giovanna Temporin**

Features of disk structure of lenticular galaxies in clusters. **Ekaterina Chudakova**

The host galaxies of gamma-ray loud Narrow-Line Seyfert 1s. **Jari Kotilainen**

Morphological Classification of local Luminous Infrared Galaxies **Alexandros Psychogyios**

The features of the distribution of galaxies around extended radio galaxies. **Hayk Abrahamyan**

## S7 · How galaxies live and die

### Metropolitan Hotel - Rodos

#### 10:45-11:05 SHORT POSTER PRESENTATIONS

The immediate surroundings of SgrA\*. **Andreas Eckart**

The X-ray AGN population behind the disk of M31. **Gulab Constantina Fotopoulou**

What can we learn about AGN from cosmological simulations? **Lisa K. Steinborn**

The role of nuclear gas and host galaxy gas for obscuring GRB and AGN. **Johannes Buchner**

Modelling the warm absorber in Seyfert galaxy Mrk 509. **Tek Prasad Adhikari**

X-raying matter accreting onto the central supermassive black hole of NGC 2617. **Margherita Giustini**

X-ray narrow emission lines from the nucleus of NGC 1365. **Megan Whewell**



## S9 · The dynamics of star and planet formation

### Metropolitan Hotel- Delos Hall

#### 17:15-17:30 SHORT POSTER PRESENTATIONS

The surface of Titan and the interactions with the interior and the atmosphere from the analysis of Cassini VIMS and RADAR data. **Anezina Solomonidou**

Current and future facilities for studying the gas-phase component of star formation. **Leonardo Testi**

Uncovering (episodic) outflows and their feedback role in protostellar clusters. **Adele Plunkett**

Star formation in a turbulent molecular cloud self-regulated by photo-ionisation feedback: a numerical experiment. **Elena Gavagnin**

## S15 · Exploring pulsar formation

### Metropolitan Hotel Syros I+II

#### 10:30-10:45 SHORT POSTER PRESENTATIONS

Timing of binary MSPs with heavy companions found in the HTRU-North. **Marina Berezina**

#### 18:15-18:30 SHORT POSTER PRESENTATIONS

Broad-band spectral analysis of GX 9+9: an Iron featureless source. **Fabiana Scarano**

Estimation of the magnetic field and accretion flow geometry of Low Mass X-ray Binaries. **Ko Ono**

Partial accretion in the propeller stage of accreting millisecond x-ray pulsars. **Can Gungor**



## S16 · Frontiers of massive-star evolution

### Metropolitan Hotel- Chios

#### 17:45-18:30 SHORT POSTER PRESENTATIONS

Progenitor constraints for core-collapse supernovae from Chandra X-ray observations. **Teppo Heikkilä**

Exploring Type II Supernova Diversity with the LCOGT Sample. **Stefano Valenti**

Standardization of type II supernova light-curves with statistical methods. **Lluís Galbany**

Peculiar light curves of Type IIn supernovae: An example from iPTF. **Anders Nyholm**

Probing the physics of nearby, bright, core-collapse supernovae with high-cadence photometry. **Alceste Bonanos**

Investigating intrinsic variability of massive stars in NGC 4535 with the Hubble Space Telescope. **Zoi-Tzogia Spetsieris**

Population of red supergiants in dwarf irregular galaxies. **Nikolay Britavskiy**

Supernova progenitor constraints through spatial distributions of massive stars. **Tuomas Kangas**

The impact of bars on the radial distribution of supernovae in disc galaxies. **Artur Hakobyan**

Type II supernova energetics and comparison of light curves to shock-cooling models. **Adam Rubin**

Double Peaked Light Curves of Type IIb Supernovae and Implications for Their Progenitor Stars. **Iair Arcavi**

LBV-star V532 in its lowest minimum. **Olga Sholukhova**

Type II spectral diversity and spectrophotometric template. **Santiago Gonzalez Gaitan**

A population study of magnetic early B-type stars: the conditions for emission. **Matthew Shultz**

Angular momentum in supernova progenitor stars. **Avishai Gilkis**

Long-rising Type II supernovae from PTF and CCCP. **Francesco Taddia**

Mining the obscured OB star population in Carina with VPHAS+. **Michael Mohr-Smith**

Spectro-Interferometry of Supergiants. **Markus Wittkowski**

Searching for the progenitor of the Type II-P SN 2009ib. **Katalin Takats**

Photometric and spectroscopic monitoring of the type II supernova PS15cwo. **Jussi Harmanen**

Detection of extragalactic supernova remnants. **Maria Kopsacheili**

High energy transients associated with core collapse Supernovae. **Luca Izzo**



## S17 • Magnetic helicity in Sun and Stars

### Eugenides Foundation - Meeting Room

10:30-10:45 SHORT POSTER PRESENTATIONS

Detection of starquakes on the red dwarf AD Leo. **Michael E. Contadakis**

## SS4 • Spectroscopic surveys

### Eugenides Foundation- Ballroom

10:00-10:15 SHORT POSTER PRESENTATIONS

Automated stellar spectra analysis: state of the art and lessons learn from the Gaia-ESO Survey and Gaia. **Alejandra Recio-Blanco**

What's the Scale? The challenges of homogenising results revealed by the Gaia-ESO Survey. **Anna Hourihane**

SPECTRA: an automatic tool to classify galaxy spectra. **Paulina Troncoso Iribarren**

MOONS Metrology System. **Holger Drass**

Metal-poor stars in the era of large spectroscopic surveys. **Louise Howes**

16:00-16:15 SHORT POSTER PRESENTATIONS

The SCIP survey in WEAVE: Stellar Circumstellar and Interstellar Physics in the Galactic plane. **Maria Monguió**

Improved line list for modeling of cool-star spectra in the spectral regions of strong Diffuse Stellar Bands. **Ana Monreal Ibero**

The LAMOST Complete Spectroscopic Survey of Pointing Area at Southern Galactic Cap. **Ming Yang**

The intermediate and old age Open Clusters science case for high-resolution spectroscopy. **Carme Jordi**

Testing kinematic models of the outer Galactic disk. **Amy Harris**

Preliminary study of the kinematic structure in the association CygnusOB1. **Teresa Costado Dios**

## SS12 • promoting diversity in astronomy

### Eugenides Foundation- Conference Hall

17:45-18:30 SHORT POSTER PRESENTATIONS

Promoting astronomy to a diverse rural community: Early assessment of outreach and scientific activities of the Astronomy Initiative "Astropyli" in Serres, Northern Greece. **Ahmed Khaliel**

The Role of Small Telescopes in Teaching, Research and Public Engagement. **Mark Gallaway**













European Week  
of Astronomy and Space Science  
04-08 July 2016

## Sponsors



## Exhibitors



Co-funded by the  
Erasmus+ Programme  
of the European Union



CAMBRIDGE  
UNIVERSITY PRESS

THANK YOU