

OAPD days



Report of Contributions

Contribution ID: **107**

Type: **not specified**

Introduction

Thursday 27 June 2024 09:00 (10 minutes)

Presenter: POGGLANTI, Bianca (INAF - OAPD)

Contribution ID: 154

Type: **not specified**

The role of the environment in shaping galaxy properties from Cosmic Noon to Cosmic Dusk

Thursday 27 June 2024 09:10 (20 minutes)

Bianca Poggianti, Benedetta Vulcani, Marco Gullieuszik, Mario Radovich, Ariel Werle, Alessandro Ignesti, Eric Giunchi, Giorgia Peluso, Nina Akerman, Daria Zakharova, Peter Watson, Ayan Acharyya

Presenter: VULCANI, Benedetta (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 155

Type: **not specified**

The future of galaxy evolution and environment with incoming facilities

Thursday 27 June 2024 09:30 (20 minutes)

Bianca Poggianti, Benedetta Vulcani, Marco Gullieuszik, Mario Radovich, Ariel Werle, Alessandro Ignesti, Eric Giunchi, Giorgia Peluso, Nina Akerman

Presenter: MORETTI, Alessia (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 156

Type: **not specified**

Modelling binary neutron star mergers and GRB jets via numerical simulations

Thursday 27 June 2024 09:50 (20 minutes)

Riccardo Ciolfi, Andrea Pavan, Matteo Pais, Emma Dreas, Jay Kalinani

Presenter: CIOLFI, Riccardo (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 157

Type: **not specified**

Instrumentation control SW group: current projects and involved OAPd people

Thursday 27 June 2024 14:15 (20 minutes)

Andrea Baruffolo, Daniela Fantinel, Davide Ricci, Andrea Balestra, Elia Costa, Fulvio Laudisio, Salvatore Lampitelli, Chiara Di Prospero, Daphne Diretto, Alessandro Lorenzetto, Rosanna Sordo, Amedeo Petrella, Danilo Selvestrel

Presenter: SALASNICH, Bernardo (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Afternoon

Contribution ID: 158

Type: **not specified**

Small Bodies and Icy Moons in the Solar System

Thursday 27 June 2024 10:40 (20 minutes)

Luca Penasa, Costanza Rossi, Maurizio Pajola, Filippo Tusberty, Joel Beccarelli, Giovanni Munaretto, Patrizia Borin, Gabriele Cremonese

Presenter: LUCCHETTI, Alice (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: **159**

Type: **not specified**

Exploration of Mercury and Mars

Thursday 27 June 2024 11:00 (20 minutes)

Gabriele Cremonese, Emanuele Simioni, Giovanni Munaretto, Maurizio Pajola, Alice Lucchetti, Adriano Tullo, Pamela Cambianica, Riccardo La Grassa, Elena Martellato, Silvia Bertoli, Patrizia Borin, Natalia Amanda Vergara

Presenter: RE, Cristina (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: **160**Type: **not specified**

Beyond the Horizon (applications of the HyperHemispheric Lens)

Thursday 27 June 2024 11:20 (20 minutes)

Claudio Pernechele, Paolo Martini, Matteo Massironi, Riccardo Pozzobon, Davide Greggio, Luigi Lessio, Wolfgang Erb, Gabriele Rodighiero, Lorenzo Paoletti, Pamela Cambianica, Gabriele Cremonese, Alice Lucchetti, Maurizio Pajola, Cristina Re

Presenter: SIMIONI, Emanuele (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 161

Type: **not specified**

Relativistic particles in star forming galaxies

Thursday 27 June 2024 14:00 (15 minutes)

Presenter: PERSIC, Massimo (INAF)

Session Classification: Afternoon

Contribution ID: 162

Type: **not specified**

Stellar modeling: evolution with PARSEC and COLIBRI, including variability, asteroseismology, and opacities

Thursday 27 June 2024 14:35 (20 minutes)

Leo Girardi, Paola Marigo, Alessandro Bressan, Simone Zaggia, Giada Pastorelli, Michele Trabucchi, Diego Bossini, Francesco Addari, Kendall Shepherd, Guglielmo Volpato, Alessandro Mazzi, Chi Thanh Nguyen, Greta Ettore, Francesco Guerriero

Presenter: COSTA, Guglielmo (University of Lyon 1)

Session Classification: Afternoon

Contribution ID: 163

Type: **not specified**

Surveying and modelling resolved stellar populations of nearby galaxies

Thursday 27 June 2024 14:55 (20 minutes)

Leo Girardi, Paola Marigo, Alessandro Bressan, Guglielmo Costa, Simone Zaggia, Michele Trabucchi, Diego Bossini, Francesco Addari, Kendall Shepherd, Guglielmo Volpato, Alessandro Mazzi, Chi Thanh Nguyen, Greta Ettore, Francesco Guerriero, Federico Di Giacomo, Yazan Al Momany

Presenter: PASTORELLI, Giada (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Afternoon

Contribution ID: 164

Type: **not specified**

Gaia and follow-up spectroscopic surveys WEAVE, SPA

Thursday 27 June 2024 11:40 (20 minutes)

Rosanna Sordo, Marina Dal Ponte, Ioannis Kallimanis, Sara Lucatello, Lorenzo Spina, Diego Bossini

Presenter: VALLENARI, Antonella (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 165

Type: **not specified**

Galactic Archaeology with Machines and Novel Data

Thursday 27 June 2024 15:15 (20 minutes)

Yazan Al Momany, Angela Bragaglia, Lorenzo Cavallo, Valentina D'Orazi, Sara Lucatello, Laura Magrini, Mario Pasquato, Jose Luis Schiapacasse, Antonella Vallenari, Nagaraj Vernekar

Presenter: SPINA, Lorenzo (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Afternoon

Contribution ID: 166

Type: **not specified**

Transiting exoplanets with space- and ground-based facilities: architecture, dynamics, composition, habitability

Friday 28 June 2024 09:00 (20 minutes)

Adriana Barbieri, Luca Borsato, Riccardo Claudi, Silvano Desidera, Valentina D'Orazi, Valentina Granata, Pietro Leonardi, Luca Malavolta, Giacomo Mantovan, Domenico Nardiello, Leonardo Pagliaro, Giampaolo Piotto, Monika Beata Stangret, Tiziano Zingales

Presenter: NASCIMBENI, Valerio (INAF-OAPD)

Session Classification: Morning

Contribution ID: 167

Type: **not specified**

The architecture of planetary systems

Friday 28 June 2024 09:20 (20 minutes)

Silvano Desidera, Dino Mesa, Valentina D'Orazi, Elisabetta Rigliaco, Raffaele Gratton, Riccardo Claudi, Francesco Marzari, Valerio Nascimbeni, Cecilia Lazzoni, Alessandro Ruggieri, Gabriele Columba, Domenico Nardiello, Giampaolo Piotto, Luca Malavolta, Luca Borsato, Martina Baratella, Giacomo Mantovan, Tiziano Zingales, Alice Zurlo, Vito Squicciarini

Presenter: BARBATO, Domenico (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: **168**

Type: **not specified**

Stellar characterisation of planet hosts

Friday 28 June 2024 09:40 (15 minutes)

Valentina D'Orazi, Raffaele Gratton, Valerio Nascimbeni, Domenico Nardiello, Luca Malavolta, Martina Baratella, et al.

Presenter: DESIDERA, Silvano (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 169

Type: **not specified**

Planet forming disks and the interaction with their environment

Friday 28 June 2024 09:55 (15 minutes)

Raffaele Gratton, Gabriele Columba

Presenter: RIGLIACO, Elisabetta (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 170

Type: **not specified**

Investigating compact objects at high time resolution in the optical band with AQUEYE+ and IQUEYE

Friday 28 June 2024 10:30 (20 minutes)

Luca Zampieri and AQUEYE+/IQUEYE Team

Presenter: FIORI, Michele (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 171

Type: **not specified**

Scientific exploitation of ELT/MICADO/MORFEO

Friday 28 June 2024 10:50 (20 minutes)

Carmelo Arcidiacono, Marco Gullieuszik, Elisa Portaluri, Matteo Simioni, Benedetta Vulcani, Anita Zanella

Presenter: GRAZIAN, Andrea (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 172

Type: **not specified**

News from Ekar: the robotisation of the Copernico 1.82m telescope (RoboCop)

Friday 28 June 2024 11:10 (20 minutes)

Enrico Cappellaro, Stefano Benetti, Daniela Fantinel, Thomas Forte, Aldo Frigo, Marco Mosele,
Luciano Traverso, Danilo Selvestrel, Luigi Lessio

Presenter: TOMASELLA, Lina (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Morning

Contribution ID: 173

Type: **not specified**

The transient sky in the era of multimessenger astronomy

Friday 28 June 2024 11:30 (30 minutes)

Stefano Benetti, Enrico Cappellaro, Lina Tomasella, Andrea Pastorello, Nancy Elias-Rosa, Laura Greggio, Andrea Reguitti, Francesco Guidolin, Paolo Ochner

Presenters: VALERIN, Giorgio (INAF); SALMASO, Irene (INAF)

Session Classification: Morning

Contribution ID: 174

Type: **not specified**

Super-Eddington accretion in quasars: the observational viewpoint

Friday 28 June 2024 14:00 (20 minutes)

Mauro D'Onofrio, Alberto Floris

Presenter: MARZIANI, Paola (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Afternoon

Contribution ID: 175

Type: **not specified**

MATTO: a future facility for testing Multi-conjugated Adaptive Optics techniques

Friday 28 June 2024 14:20 (20 minutes)

INAF-Padova Instrumentation and Adaptive Optics Group & Others

Presenter: BALLONE, Alessandro (INAF)

Session Classification: Afternoon

Contribution ID: 176

Type: **not specified**

SHARK-NIR: Hunting for Exoplanets and Beyond

Friday 28 June 2024 14:40 (20 minutes)

INAF-Padova Instrumentation and Adaptive Optics Group & Others

Presenter: GOMES MACHADO, Tania Sofia (INAF)

Session Classification: Afternoon

Contribution ID: 177

Type: **not specified**

MAVIS on the VLT: the cutting-edge MCAO assisted imager and spectrograph for visible observations

Friday 28 June 2024 15:00 (20 minutes)

INAF-Padova Instrumentation and Adaptive Optics Group & Others

Presenters: REBRYSH, Oleksandra; CERPELLONI, Paolo (INAF)

Session Classification: Afternoon

Contribution ID: 178

Type: **not specified**

Optical Space Surveillance and Tracking (SST) and Space Situational Awareness (SSA)

Friday 28 June 2024 15:20 (20 minutes)

Marco Dima, Matteo Simioni, Marco Gullieuszik, Lina Tomasella

Presenters: ARCIDIACONO, Carmelo (Istituto Nazionale di Astrofisica (INAF)); Dr ZAGGIA, Simone (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Afternoon