

VIII Día de Nuestra Ciencia

Orfeón La Paz, La Laguna, May 24th, 2016

PRELIMINARY Programme

SESSION 1:

Chair: *TBD*

9:00-9:10

Rafael Rebolo

Welcome address

9:10-9:20

Enric Pallé y Begoña García

Research & Technology

9:20-9:35

Sergio Simón (P)

The amazing view of stars and the interstellar medium from the Canary Islands Observatories.

09:35-09:40

Carme Gallart (Staff)

Menu Degustación sobre el Grupo Local.

09:40-09:45

Lisa Nortmann (Postdoc)

Transmission Spectroscopy of Exoplanet Atmospheres.

09:45-09:50

Pablo Arrabal Haro (Doctorando)

The sources responsible of the re-ionization of the Universe.

09:50-10:00

Open discussion

10:00-10:30

Coffee Break

SESSION 2:

Chair: *TBD*

10:30-10:45

Iñigo Arregui (P)

Recent advances in solar physics.

10:45-10:50

Javier Licandro (S)

MOVIS, the Moving Objects VISTA catalogue.

10:50-10:55

David Jones (P)

Close binary central stars of planetary nebulae.

10:55-11:00

María Cebrián (D)

How galaxies look like beyond 31 mag/arcsec²?

11:00-11:05

Antonio Cabrera-Lavers (GTC)

GTC Science Operation Status.

11:05-11:10

Efcan Sökmen (D)

Star Formation History of the southern Galactic disk using VVV-survey

11:10-11:15

Montserrat Armas Padilla (P)

KEEP YOUR FRIENDS CLOSE AND YOUR ENEMIES CLOSER : the case of the black hole binary Swift J1357.2-0933.

11:15-11:20

Alejandro Serrano Borlaff (D)

Truncated disc surface brightness profiles produced by flares.

11:20-11:30

Open discussion

SESSION 3:

Chair: *TBD*

11:30-11:45

Giuseppina Battaglia (P)

IAC highlights on Galaxy Formation and Evolution.

11:45-11:50

Javier Trujillo Bueno (S)

CLASP: Five years of work for five glorious minutes of observing time.

11:50-11:55

Elena Mohd-Noh (D)

Molecular gas tracers in the Sombrero galaxy.

11:55-12:00

Martin Will (P)

The Sky above MAGIC.

12:00-12:05

Rafael Garcia-Dias (D)

Machine learning in APOGEE - K-means

12:05-12:10

Miguel Cerviño (S)

Decoding population synthesis codes.

12:10-12:15

Cristina Ramos Almeida (P)

Dusty doughnut around massive black hole spied for first time with ALMA.

12:15-12:20

David López Fernández-Nespral (D)

Ground-based characterization of transiting exoplanets.

12:20-12:30

Open discussion

12:30-13:00

Coffee Break

SESSION 4: Chair: *TBD*

13:00-13:15

Mónica Vázquez (P)

13:15-13:20

Hans Deeg (S)

13:20-13:25

Grzegorz Nowak (P)

13:25-13:30

Víctor Pérez Mesa (D)

13:30-13:35

Bililign Dullo (P)

13:35-13:40

Beatrice Popescu Braileanu (D)

13:40-13:45

Stefan Geier (GTC)

13:45-13:50

Luis Cicuendez Salazar (D)

13:50-14:00

Open discussion

SESSION 5:

Chair: *TBD*

14:00-14:15

Guo Chen (P)

14:15-14:20

Almudena Prieto (S)

14:20-14:25

Nikola Vitas (P)

14:25-14:30

Gustavo Rodríguez-Coira (TOT)

14:30-14:35

Jose Alberto Rubiño Martin (S)

14:35-14:40

Rebeca Galera Rosillo (D)

14:40-14:45

Thomas Martinsson (P)

14:45-14:50

Salvatore Taibi (D)

14:50-15:00

Open discussion

Gamma-Ray Astronomy @IAC

KIC 8462852 - the strangest star in the Galaxy?

Recent results from the K2 ESPRINT project.

Massive AGB stars and their influence during the formation of the Early Solar System.

The Structural Fingerprint of Supermassive Black Holes in Massive Galaxies.

Two-fluid simulations of solar partially ionized atmosphere.

Observing with the GTC.

Probing the low surface brightness outskirts of Milky Way dSphs: Sextans.

Characterizing exoplanets with various techniques.

Zooming into the central parsec of galaxies.

MHD Simulations of the Solar Convection.

A TOT's night at Teide Observatory.

The QUIJOTE experiment: current status

Planetary Nebulae: lighthouses of the nearby Universe.

Baryonic and dark matter mass distributions in disk galaxies

Chemo-dynamics of the stellar component of Cetus dwarf galaxy.

15:00-15:30

Brindis and awards