

V Día de Nuestra Ciencia

Casino de La Laguna, June 13, 2014

Programme

SESSION 1:

Chair: *Matteo*

09:00-09:15	Rafael Rebolo (S)	GTC big science: an overview
09:15-09:30	Johan Knapen (S)	New developments and future plans in the research area
09:30-09:35	Bartosz Gauza (D)	Substellar companions of the nearest stars
09:35-09:40	Irene Agulli (D)	Abell 85: Spectroscopic Luminosity Function
09:40-09:45	Cristina Ramos Almeida (P)	The interplay between star formation and nuclear activity as seen by GTC/CanariCam
09:45-09:50	Frédéric Poidevin (P)	Dust grain alignment in the ISM
09:50-10:00	Open discussion	

SESSION 2:

Chair: *Matteo*

10:00-10:15	Claudio Dalla Vecchia (P)	The Universe in a box
10:15-10:20	Ignacio Martín-Navarro (D)	Chasing the stellar initial mass function
10:20-10:25	Clara Martínez Vázquez (D)	Variable stars in Local Group galaxies
10:25-10:30	Elena Khomenko (P)	Rayleigh-Taylor instability in solar prominences
10:30-10:35	Heidi Lietzen (P)	The gigantic science of superclusters
10:35-10:40	Antonio Cabrera Lavers (S)	GTC Operation Status
10:40-10:45	Carlos Álvarez Iglesias (S)	News on CanariCam operation at GTC
10:45-11:00	Open discussion	

11:00-11:30

Coffee Break

SESSION 3:

Chair: *Mar*

11:30-11:45	Andrés Asensio (P)	Solar physics at the IAC
11:45-11:50	Federica Fusco (D)	The star formation history of NGC 6822
11:50-11:55	Marina Ramón Pérez (D)	OTELO Survey
11:55-12:00	Marian Martínez González (P)	Solar and stellar spectro-polarimetry
12:00-12:05	Giuseppina Battaglia (P)	Investigating the build up of the Milky Way stellar halo
12:05-12:10	Pilar Montañes-Rodríguez (P)	Understanding pulsations in V652 Her through new hydrodynamic models, and more ...
12:10-12:15	Alexandre Vazdekis (S)	Extending the spectral coverage of MILES stellar population models
12:15-12:20	Nataliia Shchukina (S)	The impact of surface dynamo magnetic fields on the solar abundance determination
12:20-12:30	Open discussion	

SESSION 4:Chair: *Mar*

12:30-12:45	Begoña García Lorenzo (S)
12:45-12:50	Pedro González Morales (D)
12:50-12:55	Andrea Rodríguez Antón (D)
12:55-13:00	Manuel Luna (P)
13:00-13:05	Iñigo Arregui (P)
13:05-13:10	Carmen del Puerto Varela (S)
13:10-13:15	Alfred Rosenberg (S)
13:15-13:20	Nayra Rodríguez Eugenio (P)
13:20-13:30	Open discussion

13:30-15:30

The IAC technology Division

Modelado de ondas heliosísmicas en regiones magnéticas solares

Bajo los cielos de Roma

Are tornado-like magnetic structures able to sustain prominence plasma?

The Sun: what to believe

UC3: La máxima de Marco Aurelio

UC3 Divulgación: SolarLab, acercando el Sol a más de 38.000 estudiantes canarios

UC3 Divulgación: explorando exoplanetas y mucho más

Lunch**SESSION 5:**Chair: *Marja*

15:30-15:45	Enric Pallé (S)
15:45-15:50	Sergio Palomo Nevado (D)
15:50-15:55	Laura Toribio San Cipriano (D)
15:55-16:00	Jorge García Rojas (P)
16:00-16:05	Marina Manganaro (P)
16:05-16:10	Anselmo Sosa (S)
16:10-16:15	Antonio Mampaso (S)
16:15-16:20	Carne Gallart (S)
16:20-16:30	Open discussion

Playing billiards with the solar system planets

The SW Sex phenomenon

Carbon abundances and radial gradients in nearby spiral galaxies

Ultra-deep high-resolution spectra of planetary nebulae: s-process enrichments in NGC3918

A kind of MAGIC: Short story of two IACTs and their adventures in High Energy Astrophysics

OTRI: functions and services

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On the origin of the dwarf galaxy types: insights from LCID

SESSION 6:Chair: *Marja*

16:30-16:45	José Alberto Rubiño (S)
16:45-16:50	Sergio Velasco Muñoz (D)
16:50-16:55	Sergio Simón-Díaz (P)
16:55-17:00	Sebastian Hidalgo (P)
17:00-17:05	Grzegorz Nowak (P)
17:05-17:10	Nicola Caon (S)
17:10-17:15	Almudena Prieto (S)
17:15-17:30	Open discussion

Latest results on CMB and large scale structure research at the IAC

Living on the edge: astronomy at the diffraction limit from the Canariasn observatories

The IACOB project: a new era in the study of Galactic OB stars

Clues on fundamental metallicity relations from resolved dwarf galaxies

Searching for planets around evolved stars

SIE for Science: how the SIE can help you do good science and make it known

Centres of galaxies at parsec scales

17:30-18:30

Brindis and awards