

# VI Día de Nuestra Ciencia

Orfeón La Paz, La Laguna, May 28, 2015

## Programme

### SESSION 1:

Chair: *Sergio*

09:10-09:20

**Rafael Rebolo**

**Welcome address**

09:20-09:30

**Enric Palle**

**Welcome address**

09:30-09:35

**John Beckman (Staff)**

Superburbujas

09:35-09:40

**Melanie Godart (Post-doc)**

Modeling pulsating massive stars and the possible relation to macroturbulence

09:40-09:45

**Lara Montagudo (Doctorando)**

The SMASH proyect: Survey of the MAgellanic Stellar History

09:45-09:50

**Edoardo Lagioia (P)**

The HB temperature distribution in Globular Clusters

09:50-10:00

**Open discussion**

### SESSION 2:

Chair: *Sergio*

10:00-10:15

**Roi Alonso (P)**

**Investigación en Exoplanetas desde el IAC**

10:15-10:20

**Marcos Pellejero (D)**

Rulers of the Universe. Cosmological parameter extraction with BAO.

10:20-10:25

**Fatameh Tabatabaei (P)**

Impact of Environment on The Dust Spectrum

10:25-10:30

**David Aguado (D)**

Finding the most primitive stars in the Milky Way halo with SDSS

10:30-10:35

**Ignacio de la Rosa (S)**

The progenitors of massive galaxy bulges

10:35-10:40

**Melania Cubas (D)**

Solar Abundances from Three-Dimensional Empirical Models

10:40-10:45

**Martin Stringer (P)**

Atoms & Galaxies

10:45-10:50

**Alfred Rosenberg (S)**

Proyectos de Divulgación

10:50-11:00

**Open discussion**

11:00-11:30

Coffee Break

### SESSION 3:

Chair: *Jesús*

11:30-11:45

**Teo Muñoz Darias (P)**

**Accreting compact objects as laboratories of extreme physics**

11:45-11:50

**Hector Socas (S)**

The Sun, NLTE codes and Coffee Breaks

11:50-11:55

**Alina Streblyanska (P)**

The ITP13-15: photometric part of optical follow-up of Planck SZ-sources.

11:55-12:00

**Matteo Simioni (D)**

Multiple Stellar Populations in Galactic Globular Clusters

12:00-12:05

**Joan Font (P)**

Study of the resonance structure of the molecular gas in M51

12:05-12:10

**Antonio Cabrera (S)**

GTC Science Operation Status

12:10-12:15

**Lucía Suarez (D)**

CNO behaviour in planet harbouring stars

12:15-12:20

**Luis Peralta de Arriba (D)**

Growth of massive galaxies across cosmic time

12:20-12:30

**Open discussion**

**SESSION 4:**Chair: *Jesús*

12:30-12:45	<b>Inma Martínez Valpuesta</b> (P)	<b>Observations and simulations: a good combination</b>
12:45-12:50	Denis Tramonte (D)	The Sunyaev-Zel'dovich effect: a tool for cosmology
12:50-12:55	Guo Chen (P)	Characterizing hot Jupiters' atmospheres with ground-based observations
12:55-13:00	Alejandro Suarez (D)	Activity and Rotation in late type stars
13:00-13:05	Zenghua Zhang (P)	Primeval low-mass stars and brown dwarfs
13:05-13:10	Matteo Monelli (P)	(Almost) 10 years of seminars at the IAC
13:10-13:20	<b>Open discussion</b>	

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**13:20-15:30**


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**Lunch at Casino de La Laguna**
**SESSION 5:**Chair: *Matteo*

15:30-15:45	<b>Marian Martínez González</b> (P)	<b>El presente y el futuro de la física solar en el IAC</b>
15:45-15:50	Chloe Guennou (P)	Diagnostic tools for coronal physics
15:50-15:55	David Morate (D)	Compositional study of asteroids in the Erigone primitive family using visible spectroscopy
15:55-16:00	Manuel Gómez (TOT)(D)	Study of the stability of an Echelle spectrograph
16:00-16:05	Daniel Mata (D)	Swift J1357.2-0933: an outstanding massive black hole in the thick disc.
16:05-16:10	Terence Mahoney (S)	The Johannes Kepler Working Group
16:10-16:15	Peter Klagyivik (P)	Orbital spin alignment of binaries in NGC 2264
16:15-16:20	José Miguel Rodríguez Espinosa (S)	A proto-cluster only 825 Myr after the BB?
16:20-16:30	<b>Open discussion</b>	

**SESSION 6:**Chair: *Matteo*

16:30-16:45	<b>Paco Garzón</b> (S)	<b>EMIR verification status</b>
16:45-16:50	Simone Madonna (D)	s-process enrichments in the planetary nebula NGC3918
16:50-16:55	Ricardo Génova (P)	QUIJOTE observations of Galactic regions
16:55-17:00	Antonio Ferragamo (D)	Optical Validation of Sunyaev-Zeldovich Planck sources at Canary Island Observatories
17:00-17:05	Carlos José Díaz (D)	Dynamics and magnetic field topology of solar prominences, and their connectivity with the photosphere.
17:05-17:10	Ismael Pérez Fournon(S)	Revolution in Astronomy: from Herschel to ALMA
17:10-17:15	Mike Beasley (P)	What star clusters can do for YOU
17:15-17:20	José Jairo Díaz (D)	First evidence of the possible detection of diffuse circumstellar bands in Planetary Nebulae
17:20-17:30	<b>Open discussion</b>	

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**17:30-18:30**


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**Brindis and awards**