

## Día de Nuestra Ciencia 2013

### 1) SESIÓN 1 Chair: Víctor

9.00 - 9:15 - Apertura del director (15min)

9.15 - 9:30 - **Rafael Rebolo (S)**: Science with the space missions Planck and Euclid

9.30 - 9.50 - 4 Charlas

**Valentina Luridiana (P)**

PyNeb: a new tool for the analysis of emission lines

**Benjamin Roeck (D)**

Preparing the IRTF-library for SSP-modelling

**Jorge K. Barrera Ballesteros (D)**

Tracing major mergers in the CALIFA survey

**Juergen Fliri (P)**

The IAC Stripe 82 Legacy Project

9.50 - 10.00 - Discusión

### 2) SESIÓN 2 Chair: Víctor

10.00 - 10.15 - **Antonio Cabrera (S)**: GTC Science Operation Status

10.15 - 10.45 - 6 Charlas

**Julio Castro (P)**

The sodium layer

**Juan Antonio Belmonte (S)**

Desvelando Petra: astronomía y paisaje en la capital de los nabateos

**Katrien Uytterhoeven (P)**

Kepler and massive pulsators on the Main Sequence

**John Beckman (S)**

Resonant structure in disc galaxies

**Javier Zaragoza Cardiel (D)**

Kinematics of Arp 270: gas flows, nuclear activity and two regimes of star formation

**Nacho Trujillo (S)**

Unprecedented view of the assembly of massive galaxies

10.45 -11.00 - Discusión

-----  
11.00-11.30

-- coffee break --

### 3) SESIÓN 3 Chair: Cristina

11.30 - 11.45 - **Johan Knapen (S)**: The Research Division in the near future

11.45 - 12.15 - 6 Charlas

**Terry Mahoney (S)**

El papel del Servicio de Corrección Lingüística (SCL)

**Sergio Hoyer (P)**

Transiting Exoplanets

**Emma Fernández Alvar (D)**

[Ca/Fe] in F & G stars from low resolution spectra'

**Remon Cornelisse (P)**

A 420 day modulation in the X-ray binary Swift J1753.5-0127

**María Cebrián (D)**

No traces of environmental effects in void galaxies

**Santiago Erroz Ferrer(D)**

Morphology, kinematics and star formation across the Hubble sequence of galaxies

12.15 - 12.30 - Discusión

### 4) SESIÓN 4 Chair: Cristina

12.30 - 12.45 - **Hans Deeg (S)**: Characterization of space-based exoplanet detections

12.45 - 13.15 - 6 Charlas

**Gabriel Pérez Díaz (S)**

El Servicio MultiMedia: Producción gráfica y audiovisual en el IAC

**César Esteban (S)**

Equinoccios y santuarios de la antigua Iberia

**Aníbal García Hernández (P)**

Nucleosynthesis and molecular processes in the late stages of stellar evolution

**Riccardo Vignaga (D)**

MFI calibration and polarization performance

**Marja Seidel (D)**

An integral view of bar-driven secular evolution in disk galaxies

**Omaira González Martín (P)**

AGN synapses

13.15 - 13.30 - Discusión

-----  
13.30-15.30

-- lunch break --  
-----

## 5) SESIÓN 5 Chair: Marja

15.30 - 15.45 – **Jesús Falcón Barroso (P)** Galaxies in 3D

15.45 - 16.15 - 6 Charlas

**Martín López Corredoira (S)**

The Twilight of the Scientific Age

**Esther Sanromá (D)**

The Earth in time as a template for the characterization of inhabitable exoplanets

**Marcela Espinoza Contreras (D)**

New ultracool subdwarfs in large-scale surveys

**Olga Zamora (P)**

H-band spectra of cool stars for the SDSS-III/ APOGEE project

**Alba Eva Peláez Santos (D)**

The QUIJOTE Experiment: first MFI maps of the Galactic diffuse emission

**Jorge Sánchez Almeida (S)**

Cold-flow accretion in the local Universe

16.15 - 16.30 - Discusión

## 6) SESIÓN 6 Chair: Mar

16.30 – 17.10 - 8 Charlas

**Stefano Zarattini (D)**

Luminosity Functions In Fossil Groups Of Galaxies

**Jorge A Pérez Prieto (S)**

IAC Publications: The new IAC's articles archive

**Beatriz González Merino (D)**

Observations of the Earth's atmosphere in high-resolution spectroscopy

**Héctor Socas Navarro (S)**

NICOLE: A massively parallel code for NLTE synthesis and inversion of spectral lines

**Paulo Alberto Miles Páez (D)**

Exploring ultracool atmospheres with linear polarimetric observations

**Arturo Manchado (S)**

Subsecond molecular hydrogen images of the planetary nebulae NGC 2346.

**Andrés del Pino Molina (D)**

Unravelling a complex system: The Fornax Dwarf Spheroidal Galaxy.

**Jose Miguel Rodríguez Espinosa (S):** Searching for Lyman alpha sources in the SHARDS Survey

17.10 - 17.30 - Discusión

-----  
17.30-18.30

-- Brindis --  
-----