

# Public surveys and new instrumentation for Calar Alto

Instituto de Astrofísica de Andalucía – CSIC

Granada, 12-13 March 2020

## Thursday 12 March

9:00-9:05 Opening of the workshop

9:05-9:30 J. Aceituno: “*Calar Alto Observatory overview*”

9:30-9:55 J. Iglesias: “*CAbogata Survey*”

9:55-10:20 I. Pérez: “*Calar-Alto Void Intregal-field Treasury survey: CAVITY*”

10:20-10:45 J. Lillo-Box: “*The KOBE experiment: K-dwarfs Orbiting By habitable Exoplanets*”

10:45-11:10 I. Ribas: “*Exciting Science with CARMENES*”

11:10-11:35 M.R. Zapatero Osorio and E.L. Martín: “*Probing the low mass end of the Initial Mass Function at different ages and metallicities*”

### 11:35-12:05 COFFEE BREAK

12:05-12:30 J.L. Ortiz: “*CAHICAS: an instrument and survey for the 3.5m and/or the 2.2m Calar Alto telescopes*”

12:30-12:45 S. Cikota: “*Use of the CAHICAS’ fast imaging cameras to measure stellar radii*”

12:45-13:10 P.J. Amado: “*CARMENES BLUE: Exoplanets and additional science in the optical blue, red and NIR*”

13:10-13:25 A. Quirrenbach: “*CARMENES: Technical and Scientific Perspectives*”

### 13:25-15:00 LUNCH

15:00-15:25 A. Gil de Paz: “*TARSIS: Tetra Armed Super-Ifu Spectrograph*”

15:25-15:50 P. Sánchez-Blázquez: “*CATARSIS: Calar Alto Tetra ARmed Super-Ifu Survey*”

15:50-16:05 J. Oñorbe: “*CATARSIS: high-z observations and synergies*”

16:05-16:20 E. Carrasco: “*INAOE facilities to manufacture the optics of TARSIS spectrographs*”

16:20-16:35 M.L. García Vargas: “*Management Plan for TARSIS instrument for CAHA*”

### 16:35-17:05 COFFEE BREAK

17:05-17:30 C. Poppett: “*LATINO, an IFU for the CAHA 2.2m telescope*”

17:30-17:45 L. Galbany: “*LATINO science: Cosmology from Calar Alto*”

## Friday 13 March

9:15-9:40 J. Walcher: “*GAMACA: Galaxy Mapping at Calar Alto*”

9:40-10:05 R. García-Benito: “*The Virgo Cluster with GAMACA*”

10:05-10:20 G. Micheva: “*GAMACA: mapping the interstellar medium in M31 at high resolution*”

10:20-10:35 A. Kelz: “*The Galaxy Mapper at Calar Alto Concept*”

### 10:35-11:05 COFFEE BREAK

### 11:05-11:50 Authorities’ session

11:50-12:05 M. Roth: “*The case for IFU studies of resolved stellar populations*”

12:05-12:20 J. Gallego: “*Instrumental developments for large telescopes at Universidad Complutense Madrid*”

12:20-12:35 N. Pinilla: “*The Road Map for the Arecibo Observatory*”

12:35-13:05 Discussion on proposed surveys

13:05-13:35 Discussion on proposed instruments

### 13:35-13:40 Closing of the workshop

25 min. talks ► 20 min. exposition + 5 min. questions

15 min. talks ► 12 min. exposition + 3 min. questions