

# "HEXA: a machine for spectroscopic cartography"

Granada, February 20-22, 2012

Final program

## **Monday, February 20**

THE TELESCOPE AND INSTRUMENTAL CONCEPTS (I)

**Chair: D. Barrado**

11:00 Welcome and Opening

11:30 Coffee-Break

**Chair: A. Gil de Paz**

12:00-12:30 (25+5min) THE CAHA PERSPECTIVE: LONG TERM STRATEGY, D. Barrado

12:30-1:00 (25+5min) THE TELESCOPE: OPTICAL CONCEPTS, J. Aceituno

1:00-1:30 (25+5min) CONCEPTS FOR INSTRUMENTATION: MOS WITH FIBERS, M. García Vargas

1:30-2:00 (25+5min) CONCEPTS FOR INSTRUMENTATION: MONSUL, J. Iglesias

2:00-4:00 LUNCH

**Chair: I. Negueruela**

4:00-4:30 (25+5min) HEXA AND ASTRONET ROADMAP, J. Gallego Maestro

THE OPPORTUNITY: BIG SCIENCE (I)

4:30-5:00 (25+5min) THE GAIA-ESO SURVEY, S. Randich (Arcetri, co-PI Gaia-ESO)

5:00-5:30 Coffee-break

5:30-6:00 (25+5min) A MULTI-UNIT SPECTROSCOPIC EXPLORER FOR THE ESO-VLT, Lutz Wisotzki (AIP, MUSE Project Scientist)

HEXA SCIENCE (I)

The Solar System, the Galaxy, extragalactic astronomy and cosmology

6:00-6:30 (25+5min) COSMOLOGY WITH EXTRAGALACTIC SURVEYS, Francisco Castander

6:30-7:00 (25+5min) GALAXY GROUPING FROM LARGE-VOLUME COSMOLOGICAL HYDRODYNAMICAL SIMULATIONS, Rosa Domínguez

## **Tuesday, February 21**

### THE TELESCOPE AND INSTRUMENTAL CONCEPTS (II)

**Chair: M.L. García-Vargas**

9:30-10:00 (25+5min) CONCEPTS FOR INSTRUMENTATION: GEA, D. Galadí

### THE OPPORTUNITY: BIG SCIENCE (II)

10:00-10:30 (25+5min) CALIFA: LESSONS LEARNED, S. F. Sánchez

10:30-11:00 (25+5min) THE 40m RADIOTELESCOPE: LESSONS LEARNED, Jesús Gómez

11:00-11:30 Coffee-break

### HEXA SCIENCE (II)

The Solar System, the Galaxy, extragalactic astronomy and cosmology

**Chair: C. Jordi**

11:30-12:00 (25+5min) OBSERVING GRB AND THEIR HOST GALAXY WITH HEXA, J Gorosabel

12:00-12:30 (25+5min) THE SOLAR SYSTEM, J.L. Ortiz

12:30-1:00 (25+5min) STAR CLUSTERS WITH HEXA, E. Alfaro

1:00-1:30 (25+5min) CLUSTERS OF GALAXIES AND LARGE SURVEYS WITH HEXA, B. Ascaso

1:30-2:00 (25+5min) HIGH-MASS STARS WITH HEXA, I. Negueruela

2:00-4:00 Lunch

**Chair: M. Fernández**

4:00-4:30 (25+5min) EXPLORING THE EVOLUTION OF GALAXIES IN DENSE ENVIRONMENTS, J. Iglesias

4:30-5:00 (25+5min) THE GROWTH OF GALAXIES: CALIFA PERSPECTIVE, E. Pérez

5:00-5:30 Coffee-break

5:30-6:00 (25+5min) GAIA NEEDS FOR ONGROUND SPECTROSCOPIC SURVEYS, F. Figueras, C. Jordi, J. Torra, X. Luri

9:00 Conference dinner: Restaurante La Platea.

## **Wednesday, February 22**

### OPERATIONS, SYNERGIES, AND NEXT STEPS

**Chair: M. Mas-Hesse**

9:30-10:00 (25+5min) SINGLE-STAR KINEMATICS OF LOCAL GROUP DISK GALAXIES USING HEXA & MEGARA.- A. Gil de Paz

10:00-10:30 (25+5min) SYNERGIES WITH WHT/WEAVE.- M. Balcells

10:30-11:00 (25+5min) THE HEXA ARCHIVE.- E. Solano

11:00-11:30 Coffe-break

11:30-12:00 (25+5min) OPERATIONS AND SCHEDULING.- S. Pedraz

12:00-12:30 (25+5min) THE TECHNICAL REQUIREMENTS: A SUMMARY

12:30-1:00 (25+5min) GTC: LESSONS LEARNED, Pedro Álvarez

1:00+ HANDS ON, The scientific team, The whitebook.

2:00-4:00 LUNCH

LOC

M. Fernández,

J. Iglesias,

D. Galadí,

B. Ascaso,

R. Duffard

J. C. Suárez

SOC

D. Barrado (CAHA),

M. Fernández (IAA, CSIC)

J. Aceituno (CAHA),

J. Iglesias (IAA, CSIC),

U. Thiele (CAHA),

S. Sánchez (CAHA),

S. Pedraz (CAHA),

D. Galadí (CAHA),

M. Mas-Hesse (CAB, INTA-CSIC),

A. Gil de Paz (UCM)

L.M. Sarro (UNED)

R. Bachiller (OAN)

G. Yepes (UAM)

I. Negueruela (U. Alicante)

C. Figueras (U. Barcelona)