

# 8<sup>th</sup> Workshop “Estallidos de formación estelar en galaxias” Hotel Best Western Salobreña – Granada, March 7<sup>th</sup> - 10<sup>th</sup> 2010

## Program and schedule

Invited talks (I) will have 35' plus 5' for questions and comments. The rest of talks will have 15' plus 5'.

### Sunday, March, 7<sup>th</sup>

19:30 – 21:00 Welcome. Aperitivos

### Monday, March, 8<sup>th</sup>

#### Morning session:

09:30 – 09:40 Opening, José M. Vílchez & Casiana Muñoz Tuñón

09:40 – 10:20 Armando Gil de Paz (I): PROSPECTS FOR THE STUDY OF NEARBY GALAXIES USING MEGARA, THE PROPOSED WIDE-FIELD IFU FOR GTC.

10:20 – 10:40 Ana Monreal: LAST NEWS ABOUT NGC5253: THE QUESTION OF THE N-ENRICHMENT REVISITED.

10:40 – 11:00 M. Carmen Sanchez Gil: AGE MAP OF A SUPER GIANT STAR COMPLEX IN IC 2574

11:00 – 11:20 Yiannis Tsamis: INTEGRAL FIELD SPECTROSCOPY OF BROAD-LINE BCGs AND THE AGN “CONNECTION”

11:20 – 12:00 COFFEE BREAK

12:00 – 12:40 Jesús Martín-Pintado (I): THE COLD INTERSTELLAR MEDIUM IN STARBURSTS

12:40 – 13:00 José M. Rodríguez Espinosa: MASSIVE STARBURSTS AT HIGH  $z$ .

13:00 – 13:20 Miguel Mas-Hesse: LYMAN ALPHA ESCAPE FRACTION AT  $z \sim 2$ .

13:20 – 15:30 LUNCH

#### Afternoon session

15:30 – 15:50 Enrique Pérez Montero: METALLICITY AND STAR FORMATION HISTORY OF HII GALAXIES FROM TAILORED MODELS.

15:50 – 16:10 Marcos Villaverde: MODELING THE IONIZING SPECTRA OF HII REGIONS: INDIVIDUAL VS. STELLAR ENSEMBLES.

16:10 – 16:30 Héctor Otí: EVOLUTIONARY STATE OF THE LYMAN ALPHA EMITTER HARO 2

16:30 – 17:00 COFFEE BREAK

17:00 – 17:20 Yago Ascasíbar: ESTALLIDOS 3D

17:20 – 17:40 Patricio Lagos: EL IMPACTO DE LA FORMACIÓN ESTELAR EN GALAXIAS HII COMPACTAS

17:40 – 18:00 Roberto Romano: SEARCHING FOR ABUNDANCE GRADIENTS IN RING GALAXIES

18:45 VISIT TO “BODEGA RON PALIDO”

## Tuesday, March, 9<sup>th</sup>

### Morning session

09:40 - 10:20 Martin M. Roth (I): CROWDED FIELD 3D SPECTROSCOPY: RESOLVED STELLAR POPULATIONS IN NEARBY GALAXIES OBSERVED WITH MUSE.

10:20 - 10:40 Alberto Nigoche: LA RELACION FABER-JACKSON DE LAS GALAXIAS DE TIPO TEMPRANO. DEPENDENCIA DEL RANGO DE MAGNITUD.

10:40 - 11:00. Carlos Hoyos: THE EDISCS AND STAGES SURVEYS. MERGING HISTORIES OF RED AND EARLY TYPE GALAXIES IN INTERMEDIATE REDSHIFT CLUSTERS.

11:00 - 11:20. Igor Drozdovsky: MATCHING THE LOCAL AND COSMIC STAR FORMATION HISTORIES

11:20 - 12:00 COFFEE BREAK

12:00 - 12:40 Sebastián F. Sánchez (I): CALIFA: CALAR ALTO LEGACY INTEGRAL FIELD SPECTROSCOPY AREA SURVEY.

12:40 - 13:00 Isabel Pérez Martín: BARRED GALAXIES AS LABORATORIES TO LINK STAR FORMATION AND GALAXY DYNAMICS

13:00 - 13:20. Jorge Sánchez Almeida: AUTOMATIC UNSUPERVISED CLASSIFICATION OF ALL SDSS/DR7 SPECTRA

13:20 - 15:30. LUNCH

### Afternoon session

15:30 - 15:50. Polychronis Papaderos: EXTREMELY METAL POOR BLUE COMPACT DWARF GALAXIES: CHALLENGES AND PERSPECTIVES

15:50 - 16:10 Ana Belén Morales: K-MEANS SEARCH FOR LOW METALLICITY IN SDSS/DR7 GALAXIES

16:10 - 16:30 Ricardo Amorín: ON THE CHEMICAL ABUNDANCES AND THE EVOLUTION OF THE GREEN PEA GALAXIES.

16:30 - 17:00 COFFEE BREAK

17:00 - 18:00 DISCUSSION I: CHALLENGES FOR THE NEW DECADE

18:30 Domingo Armada Morales: EVOLUCIÓN URBANA Y DINÁMICA DEL POBLAMIENTO EN SALOBREÑA

21:00 WORKSHOP DINNER

## Wednesday, March, 10<sup>th</sup>

### Morning session

9:40 - 10:20 Guillermo Tenorio Tagle (I): ON THE EXTREME STAR FORMATION FEEDBACK CONDITION IN SCUBA SOURCES

10:20 - 10:40 Casiana Muñoz Tuñón: ON THE SURVIVAL CONDITIONS OF VERY MASSIVE STARBURSTS

10:40 - 11:00 Jose M. Vilchez: ON THE HARDENING OF THE IONISING PHOTONS IN HII REGIONS ACROSS SPIRAL DISKS

11:00 - 11:20 Jairo Mendez Abreu: GAS OUTFLOWS WITH OSIRIS TF: A FEASIBILITY STUDY

11:20 - 12:00 COFFEE BREAK

12:00 - 12:20 Marc Huertas: EVOLUTION OF E/SO GALAXIES FROM  $z \sim 1$ : MERGING REMNANTS OR DISK REBUILDING GALAXIES?

12:00 - 13:20 FINAL DISCUSSION

13:20 END OF WORKSHOP