

# Conference Program

Venue: Room Madrid, Melia Hotel, Puerto Vallarta

## Sunday 15<sup>th</sup> of April 2007

19:30: Welcome cocktail and registration at Room Alicante of the Melia Hotel, Puerto Vallarta

## Monday 16<sup>th</sup> of April 2007

**Chair: Miguel Chávez**

09:00: Welcome addresses: *Yolanda Cuevas, Miguel Chávez, Hector Ulloa*

09:30: Rest-frame visible and UV properties of red galaxies at  $1 < z < 2$  (part I).  
*Patrick McCarthy*

10:00: Rest-frame visible and UV properties of red galaxies at  $1 < z < 2$  (part II).  
*Alvio Renzini*

10:30: Effects of reionization on high- $z$  stellar populations.  
*Daniel Babich*

10:50: Rest-frame near-UV properties of early-type galaxies at  $z \sim 1$ .  
*Sperello di Serego Alighieri*

11:10: **Coffee Break**

11:40: Photoionization, recombination and radiative decays of atoms and ions.  
*Sultana Nahar*

12:40: Science planning for the Ultraviolet Imaging Telescope.  
*Leonardo Ubeda*

13:00: **Lunch**

**Chair: Luis Carrasco**

16:00: Population synthesis at short wavelength: a few things one has to know for understanding high-redshift galaxy evolution.  
*Alberto Buzzoni*

16:30: Metallicity dependence of UV upturn among evolved stellar populations.  
*Paul Goudfrooij*

17:00: Near-UV merger signatures in early-type galaxies.  
*Jodie Martin*

17:20: Vimos U-band observations of massive elliptical galaxies at  $z \sim 1$  in the field (GOODS-S) and in clusters (RDCS1252 at  $z=1.24$ ).  
*Alessandro Rettura*

17:40: **End of session**

**Tuesday 17<sup>th</sup> of April 2007**

**Chair: Sally Heap**

09:00: GALEX studies of early type galaxies: the UV rising flux and residual star formation.

*Michael Rich*

10:00: Stellar populations in field early-type galaxies.

*Francesca Annibali*

10:20: Synthetic UV spectroscopic indices of stars and stellar populations.

*Miguel Chávez*

10:40: GALEX UV observations of elliptical galaxies in Abell clusters at  $z < 0.25$ .

*Chang Hee Ree*

11:00: **Coffee Break**

11:30: A morphological study of M81: a comparison between Galex and Spitzer images.

*Ivanio Puerari*

11:50: The UV bright globular clusters with extended horizontal-branch as remaining cores of galaxy building blocks.

*Young Wook Lee*

12:20: UV observations of hot stellar populations in galactic globular clusters.

*Francesco Ferraro*

12:50: Infant mortality of star clusters: the origin of the diffuse UV emission.

*Anne Pellerin*

13:10: Are the compact star clusters in M82 evolving towards globular clusters?

*Divakara Mayya*

13:30: **Lunch, End of session**

**20:00: Dinner at the Terraza of the La Palapa restaurant (in the Hotel).**

**Live SAX music performed by Pablo Ramirez**

**Wednesday 18<sup>th</sup> of April 2007**

**Chair: Gustavo Bruzual**

09:00: The World Space Observatory.

*Ana Ines Gomez de Castro & Mikhail Sachkov*

10:00: The focal-plane instruments on board WSO-UV.

*Mikhail Sachkov*

10:30: A binary model for UV-upturn of elliptical galaxies.

*Zhanwen Han*

11:50: Poster session

12:20: ***Coffee, End of session, Lunch & Free Afternoon***

**NOTE:** Those willing to go on a pre-hispanic boat trip, please contact the travel agency within the Hotel or Rosario Sanchez at the Conference registration desk. For more info check this site **[www.marigalante.com.mx/esp/default.asp](http://www.marigalante.com.mx/esp/default.asp)**

**Thursday 19<sup>th</sup> of April 2007**

**Chair: Divakara Mayya**

09:00: Recent progress in modeling stellar atmospheres.

*Ivan Hubeny*

10:00: White dwarfs as photometric calibrators for wide field surveys.

*Jay Holberg*

10:30: A precise new method for correcting the temperature in stellar atmospheres. II. An iterative algorithm.

*Octavio Cardona*

10:50: Ultraviolet stellar and cluster spectra compared to theoretical templates.

*Ruth Peterson*

11:10: **Coffee Break**

11:40: Absolute UV fluxes from the Sun and other late-type stars.

*Carlos Allende-Prieto*

12:10: New model atmospheres: testing the solar spectrum in the UV.

*Lino Héctor Rodríguez Merino*

12:30: Subdwarf B and subdwarf O stars: Which evolutionary pathways?

*Ralf Napiwotzki*

13:00: **Lunch**

**Chair: Elsa Recillas**

16:00: The BSS radial distribution: clues on the formation mechanisms.

*Barbara Lanzoni*

16:20: UV excess in elliptical galaxies: the AGB connection.

*Rosa Amelia Gonzalez*

16:40: Magnetic Structure of the Dynamic Chromosphere.

*Alan Title*

17:00: Horizontal Branch Stars and the Ultraviolet Universe.

*Marcio Catelan (ia)*

17:30: **End of session**

**18:30 Folk Ballet @ the Hotel Melia**

**21:00: Get together @ El Faro ( Lighthouse) of Marina Vallarta**

**Friday 20<sup>th</sup> of April 2007**

**Chair: Carlos Allende Prieto**

10:00: Constraining galaxy evolution using observed UV-optical spectra.  
*Sally Heap*

11:00: Spectral indices from the UV to the far red.  
*Gustavo Bruzual*

11:30: Synthesis models in a probabilistic framework.  
*Miguel Cerviño*

12:00: **Coffee Break**

12:30: Extended emission of ultra compact HII regions.  
*Eduardo de la Fuente*

12:50: Colours of the envelopes of cD galaxies.  
*Simon Kemp*

13:10: Concluding remarks by **Carlos Allende Prieto**

**14:00: End of session, End of Conference and Lunch**

## Poster presentations

- \*P1. High redshift simulations with the UV images of GALEX nearby galaxies survey.  
*Bum-Suk Yeom et al.*
- \*P2. An atlas of GALEX UV spectra selected from the CDFS.  
*Martha Bello & Daniel Rosa Gonzalez*
- \*P3. Spectroscopic UV indices of galactic globular clusters.  
*Javier Morales-Hernández et al.*
- \*P4. Age and metallicity of elliptical galaxies through UV spectroscopic indices.  
*Gerardo Ramos-Larios et al.*
- \*P5. Weak X-ray galaxies in the Chandra Deep Field South: catching an early stage of star formation.  
*Jesus Lopez et al.*
- \*P6. The impact of encounters on the members of local group analogs. A view from GALEX.  
*Lucio Buson et al.*
- \*P7. Astronomy at the University of Guadalajara.  
*Miguel Chávez et al.*
- \*P8. NGC 4214 cluster properties derived from multi-band photometry.  
*Leonardo Ubeda*
- \*P9. GALEX UV observations of globular clusters in M31.  
*Soo Chang Rey*
- \*P10. GALEX UV spectroscopy of extended objects: the case of NGC3079.  
*Daniel Rosa Gonzalez*
- \*P11. Recombination rates, resonance strengths and line profiles of dielectronic satellite lines of He-like Ca, Fe.  
*Sultana N. Nahar & Anil K. Pradhan*
- \*P12. Spectroscopic study of pulsations in CP stars.  
*M. Sachkov & T. Ryabchikova*
- \*P13. Efficiency of selected UV space based spectrometers.  
*V. Klochkova, V. Panchuk, M.Sachkov, M. Yushkin*