

# Taller de Altas Energías 2013

(Spanish School for HEP)

Benasque, September 16th -27th

## List of Courses

- Astroparticles (E. de Oña-Wilhelmi, IEEC-CSIC)
- Astroparticles (Javier Rico, IFAE - Barcelona)
- Quantum Field Theory: The Standard Model and the Electroweak Symmetry Breaking (J.I. Illana, U.Granada)
- QCD & Jets & MonteCarlo Modeling (M. Cacciari, LPTHE Jussieu)
- Jets Physics Results (J. Terron, U. Autonoma Madrid)
- Heavy Ions (Javier L. Albacete, U. Granada)
- Statistics (Glen Cowan, Royal Holloway, University of London)
- Flavour Physics Theory (A. Pich, IFIC - U.Valencia)
- Flavour Physics Experiments (B. Adeva, Univ. Santiago)
- Neutrino Physics Theoretical and experimental results (Federico Sanchez, IFAE - Barcelona)
- Higgs Physics SM and Beyond the SM (A. Casas, IFT/UAM-CSIC)
- Higgs Physics Experimental results (Marumi Kado, LAL Orsay)
- Top Physics (J.A. Aguilar Saavedra, U. Granada)
- Top Physics and Electroweak Physics Experimental results (Marcel Vos, IFIC - U.Valencia)
- Advanced Quantum Field Theory (Miguel A. Vázquez-Mozo, U. Salamanca)
- Introduction to Lattice QCD (C. Pena - UAM)
- Beyond the Standard Model Supersymmetry (SUSY) (Michael Kraemer, RWTH Aachen University)
- SUSY: Experimental Results (M. D'Onofrio, Liverpool)
- Beyond the Standard Model: non-SUSY (M. Quiros, ICREA/IFAE - Barcelona)
- Beyond the Standard Model: non-SUSY Results (Steven Worm, STFC Rutherford)
- Cosmology (D. Figuera, U. Geneva)
- Cosmology: Experimental Results and Observational Cosmology (E. Fernandez, IFAE - Barcelona)

## Special Talks

- Accelerator Physics (C. Biscari - ALBA)
- The LHC Experiments (T. Rodrigo, IFCA - Santander)
- Linear Collider Physics (J. Fuster, IFIC - U.Valencia)
- Dark Matter Searches (Igor G. Irastorza, U. Zaragoza)
- Detector Technologies applied to Life Science (Mokhtar Chmeissani, IFAE - Barcelona)

Interested students should register at :

<http://benasque.org/2013tae/>

(deadline **15th July 2013**)

## Organizers

- M. Martinez (ICREA/IFAE Barcelona)
- S. Peñaranda (U. de Zaragoza)

[www.benasque.org](http://www.benasque.org)

