

# Exploring the Physics of Inflation

June 24-27, 2013 • Santander, Spain

## Invited **SPEAKERS**

N. Bartolo • N. Benítez • M. Bucher • F. Finelli • S. Hoover •  
 T. Giannantonio • W. Kinney • A. Lee • R. Mandolesi • L. Piccirillo •  
 R. Rebolo • G. Rocha • J. A. Rubiño • S. Staggs • B. Wandelt

## Invited **TALKS**

Planck General Results • Planck Results on Inflation • Planck Results on  $f_{NL}$  •  
 The SPT Experiment • The Polarbear Experiment • The ACT Experiment •  
 The QUIJOTE Experiment • Instrumental Developments • Theory of Inflation •  
 Constraints from CMB and LSS • The Euclid Mission • The J-PAS Galaxy Survey •  
 PRISM • LSS Data Analysis and Results • Distinctive Signatures of Primordial NG  
 Beyond  $f_{nl}$  • Planck Results on Cosmological Parameters

*The year 2013 has already started to be an exciting year full of new results based on the measurement and analysis of CMB temperature fluctuations, polarization, and LSS data. The Planck satellite just provided its first cosmological information and released all-sky CMB maps with unprecedented quality. These new results, along with the information that is being produced by on-going and planned CMB and LSS experiments are and will continue to be a very important contribution to improving our knowledge on the inflationary period of the universe. This meeting will focus on the physics of inflation from an observational, theoretical, and instrumental perspective.*

*Special emphasis will be given to the results derived from the forthcoming polarization data.*