



XV Christmas Workshop

Windows on the Unknown

Madrid, 16-18 December 2009

Wed. 16

09:30 – 10:30 **Eidelman**: *Searches for New Physics with tau Lepton at Belle and BaBar*

10:30 – 11:30 **Kessler**: *Measuring the Expansion History of this Universe: Results from the SDSS-II Supernova Survey*

12:00 – 13:00 **Morselli**: *Latest news from the first year of FERMI and the quest for dark matter signals*

15:00 – 16:00 **Minwalla**: *Plasma Hydrodynamics from AdS/CFT*

16:00 – 17:00 **Génova Santos**: *The study of the polarization of the CMB and the QUIJOTE experiment*

Thu. 17

10:00 – 11:00 **Bouchet**: *The Planck satellite: taking a sharper look at the oldest image of the Universe*

11:00 – 12:00 **Heckman**: *The geometry of Flavour in F-theory GUTs*

12:30 – 13:30 **Laine**: *Can we learn something from heavy-ion collisions for cosmology?*

15:00 – 16:00 **Jenni**: *The Large Hadron Collider finally entering operation: an overview of the LHC programme*



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Fri. 18

10:00 – 11:00 **Mangano**: *The path to new physics at the LHC and beyond*

11:00 – 12:00 **Dornan**: *Neutrino experiments – can we reach a precision era?*

12:30 – 13:30 **Ibarra**: *Cosmic-ray signatures of dark matter decay*

15:00 – 16:00 **Reyes Alemany**: *Status of the LHC*