

Mathematics and Space Sciences

Auditori Room, Centre de Recerca Matemàtica

December 14, 2011

Emili Elizalde, ICE/CSIC i IEEC

15:30 - 16:20 *Mathematics and Cosmology: past, present and future*

Josep J. Masdemont, Universitat Politècnica de Catalunya

16:30 - 17:20 *Modern Methodologies in Celestial Mechanics and Mission Design*

17:20 - 17:50 **Coffee Break**

Jorge Núñez, Universitat de Barcelona

17:50 - 18:40 *Space debris: a growing threat. The role of the Telescope Fabra-ROA Montsec (TFRM)*

Jean-Luc Starck, CosmoStat Lab, CEA/Saclay

18:50 - 19:40 *Mathematical Challenges of the EUCLID Spatial Project*

Co-organizers entities:

Reial Acadèmia de Ciències i Art de Barcelona

Institut d'Estudis Espacials de Catalunya

Ingenio Mathematica