

Available online at www.sciencedirect.com

**Physics
Procedia**

Physics Procedia 8 (2010) 1

www.elsevier.com/locate/procediaVI Encuentro Franco-Español de Química y Física del Estado Sólido
VI^{ème} Rencontre Franco-Espagnole sur la Chimie et la Physique de l'État Solide

Preface

Joan J. Carvajal, Magdalena Aguiló and Francesc Díaz, *Guest Editors*

The first five editions of the French-Spanish Workshops on the Chemistry and Physics of the Solid State were celebrated in Carcans-Maubuisson (2000), Sant Feliu de Guixols (2002), Montpellier (2004), Bilbao (2006) and Clermont Ferrand (2008). These Workshops allowed the French and Spanish researchers to present their common research projects, that accounted with a great scientific level, in front of their colleagues, as well as to establish new collaborations for the future. The number of attendees to the past editions encouraged the organisation to continue with this kind of scientific meetings that allowed demonstrating the excellent scientific relationships that exist among French and Spanish researchers in these areas of knowledge.

The VI French-Spanish Workshop on the Chemistry and Physics of the Solid State was celebrated in Tarragona (Spain) from 17 to 19 March 2010. This Workshop was again organized around the traditional field of solid state: synthesis and characterisation techniques, new materials, applications, as well as theoretical modelling and simulation. This Workshop accounted with the participation of more than 150 researchers coming from France and Spain. The inaugural talk was given by Prof. Juan Ignacio Cirac, from the Max Planck Institute for Quantum Optics, about the experimental and theoretical advances on quantum simulations. Other seven invited speakers pronounced invited talks in the Workshop in the fields of Magnetic materials, Synthesis and characterisation of materials, Materials for photonics and electronics, Hybrid materials, Modelling and simulation, and Materials for energy and environment. The ending talk was given by Prof. Joan Bordas, Director of Synchrotron ALBA, that explained the status and future plans of this infrastructure, located close to Barcelona (Spain).

The success of this edition of the French-Spanish Workshop on the Chemistry and Physics of the Solid State encouraged the organising committee to continue celebrating the VII Franco-Spanish Workshop in Paris (France) in 2012.