



Instituto Universitario de Investigación
en Nanociencia de Aragón
Universidad Zaragoza



icma

Instituto de Ciencia
de Materiales de Aragón



LMA
LABORATORIO
DE MICROSCOPIAS
AVANZADAS

SEMINARIO

Colloidal quantum dots for Solar Energy Applications

Dr. Haiguang Zhao

NanoFemtoLab, INRS, Montreal (Quebec, Canadá)

Zhao H. was born in China, in 1980. He received the M.S. degrees in Material Science and Engineering from the Zhejiang University, China, in 2007 and the Ph.D. degree in Material Science from INRS, Quebec University, Canada, in 2012. In 2013, he was appointed by Natural Sciences and Engineering Research Council (NSERC) of Canada Postdoctoral Fellowship working on the quantum dots based solar devices or sensor with Prof. Vomiero at CNR, Italy. Now Dr. Zhao is the sub-group leader at NanoFemtoLab (NFL) (INRS) of the research line on excitonic solar cells, working with Prof. Rosei. He is the author of one book chapter and more than 30 articles. His work has been published on JACS, Small, Adv. Func. Mate. Nanoscale, and so on with the H-index of 16. His research interests include the exploitation of the functional properties of semiconductor nanocrystals for applications in thermal-sensor, luminescent solar concentrator, solar-driven water splitting and excitonic solar cells.



Martes, 12 de enero de 2016, 12.15 horas

SALA DE GRADOS DEL EDIFICIO I+D