



Dr. Raul Arenal received his Ph.D. in Solid State Physics from Univ. Paris-Sud (Orsay, France, 2005) and in 2013, he obtained his Habilitation (HDR) also at this University. Since April 2005 to August 2007, he joined the Electron Microscopy Center in Argonne National Laboratory (ANL, USA) as post doctoral fellow. In 2007, he became research scientist (Chargé de Recherches) at the CNRS (France), working at the LEM, CNRS-ONERA (Chatillon, France). From September 2010 to December 2011, he was visiting scientist (sabbatical position) at the Laboratorio de Microscopias Avanzadas (LMA) at the Instituto de Nanociencia de Aragon (INA) of the Universidad de Zaragoza (Spain). Since 2012, Dr. Arenal is on leave from the CNRS, and he is currently ARAID research scientist at the LMA-INA-Universidad de Zaragoza. In addition, since 2007 he is visiting researcher at the ANL (USA). He has published more than 150 peer-reviewed contributions (H=25). His broad area of research interest lies in electron microscopy focused on materials science and nanoscience: TEM (EELS, HR(S)TEM, electron diffraction, electron tomography). These studies are mainly focused on the growth mechanism, structural and physical (electronic, optical, vibrational, mechanical) properties of nanomaterials based on carbon, boron and nitrogen as well as other nanostructures (in particular, metallic nano-objects for plasmonic/photonic interest). Among his scientific activities, Dr. Arenal is the promoter and chair of HeteroNanoCarb conference series (<http://heteronanocarb.org>) conferences focused on graphene, NT and related 1D-2D nanomaterials.