

Pillar 1

Session 1.4 Resources/critical materials

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Dr. Edgardo Saucedo received his PhD in Materials Physics at the Universidad Autónoma de Madrid, Madrid, Spain in 2007. In 2007, he joined the Institut de Recherche et Développement sur l'Énergie Photovoltaïque IRDEP (Paris, France), with a CNRS associated Researcher fellowship, working in the development and optoelectronic characterization of CIGS low cost based solar cells. In 2009, he joined NEXCIS, a spin-off created from IRDEP, to further pursue their training in photovoltaic technology. Currently, he is the Deputy Head of the Solar Energy Materials and Systems Laboratory at the Catalonia Institute for Energy Research (IREC), with the aim to develop CRM free thin film photovoltaic devices. He holds three patents and has authored or co-authored more than 170 papers in recognized international journals, including: Energy and Environmental Science, Adv. Energy Materials, Journal of the American Chemical Society, Chemistry of Materials, Progress in Photovoltaics: Research and Applications, Solar Energy Materials and Solar Cells, NanoEnergy, J. Mater. Chem. A, J. Phys. Chem. C, etc. He has more than 250 contributions to the most important Congresses in Physics, Chemistry and Materials, and more than 25 invited talks around the world.



He has been involved in more than 15 European and Spanish Projects (Scalenano, Inducis, Pvicokest, KestPV, Larcis, etc.), and he was the coordinator of the ITN Marie Curie network Kestcell (www.kestcells.eu), and he is the coordinator of the research and innovation H2020 project STARCELL (www.starcell.eu), and the RISE (Marie Curie) project INFINITE-CELL (www.infinite-cell.eu). He is frequently chairman and invited speakers in the most relevant Conferences in Photovoltaic (E-MRS, MRS, IEEE-PVSC, EUPVSEC, European Kesterite Workshop, etc.). He has supervised eight (9) PhD Thesis and is currently supervising five (5) more. He has an h factor of 29 and more than 3100 citations.

