

Symposium V Co-Chair & Invited Speaker



Dr. Serdar Aksu

VP of Technology. Solo Power, USA

Serdar Aksu is the Vice President of Research at SoloPower, working on the unique electrochemistry-based solar cell technology for a new generation of high-efficiency, low-cost CIGS based devices. He has been with SoloPower from the very beginning and heavily engaged in the development of the electrodeposition electrolytes and precursor deposition techniques, absorber formation methods and buffer layers for CIGS cells. He has over 14 years of experience accumulated in industrial and academic platforms in the fields of electrochemical and wet processing, semiconductor device fabrication, thin film deposition, materials characterization, thermal annealing and rapid thermal processing. Prior to SoloPower, Serdar worked in electrochemical and chemical processing of copper for the integrated circuit manufacture at ASM-NuTool, Inc. He holds a PhD degree in Materials Science and Engineering from University of California, Berkeley. He has over 20 patents and pending patent applications. He also published more than 40 journal and conference papers in electrochemistry, solar cells and semiconductor device manufacturing.