

Symposium VI Member & Invited Speaker



Dr. Erwin Kessels Eindhoven University of Technology, Netherlands

Department of Applied Physics, Eindhoven University of Technology, P.O. Box 513, 5600 MB, The Netherlands; Tel. +31 40 247 3477; and e-mail w.m.m.kessels@tue.nl. Erwin Kessels is professor at the Department of Applied Physics of the Eindhoven University of Technology. He received his PhD degree from the same university in 2000 and as a PhD student and postdoctoral researcher he worked at UC Santa Barbara, Colorado State University and Philipps University Marburg. His research focuses on the synthesis of ultrathin films and nanostructures for nanoelectronics and photovoltaics using methods such as (plasma-enhanced) chemical vapor deposition and atomic layer deposition. In the field of photovoltaics his research interests are surface passivation layers for crystalline silicon solar cells and interface nanoengineering for thin film solar cells. Erwin is the recipient the Peter Mark Award of the AVS Science and Technology and in 2010 he was awarded a NWO Vici grant to set up a research program on “nanomanufacturing”. He has authored and co-authored over 140 papers in peer-reviewed journals and is a co-inventor on more than 15 patent applications. He is a member of the management team of the Dutch Solliance initiative.