

Dr Wilfried van Sark



Dr. van Sark graduated from Utrecht University, the Netherlands, with a M.Sc. in Experimental Physics in 1985, with a M.Sc. thesis on measurement and analysis of I-V characteristics of c-Si cells. He received his Ph.D. from Nijmegen University, the Netherlands; the topic of his Ph.D. thesis was III-V solar cell development, modeling and processing. He then spent 7 years as a post-doc/senior researcher at Utrecht University and specialized on a-Si:H cell deposition and analysis. He is an expert in Plasma Chemical Vapour Deposition, both rf and Very-High Frequency. After an assistant professor position at Nijmegen University, where he worked on III-V solar cells, he returned to Utrecht University, with a focus

on (single molecule) confocal fluorescence microscopy of nano-crystals. In 2002 he moved to his present position as assistant professor at the research group Science, Technology and Society of the Copernicus at Utrecht University, the Netherlands, where he performs and coordinates research on next generation photovoltaic devices incorporating nanocrystals, e.g., luminescent solar concentrators, as well as photovoltaic performance, life cycle analysis, socioeconomics, and policy development. He is member of the Editorial Board of Elsevier's scientific journal "Renewable Energy", and member of various organizing committees of EU, IEEE, and SPIE PV conferences. He is author or co-author of over 200 peer-reviewed journal and conference paper publications and book chapters. He has (co-)edited three books.

His joint presentation with N.H. Reich², B. Müller², A. Armbruster², K. Kiefer², Ch. Reise² will be on: **Review of PV performance ratio development**