



Dr. Paul R. Edwards
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After studying physics at Imperial College London, he carried out his doctoral studies at the University of Durham. This work involved the use of scanning electron and optical beam techniques to characterize thin-film semiconductors for solar cell applications, and in particular the application of electron beam-induced current (EBIC) and cathodoluminescence (CL) to investigate the role of grain boundaries in polycrystalline CdTe. Since 2000 he has been at the University of Strathclyde, where he is currently a Senior Research Fellow. His work centres on the use of microscopic and spectroscopic techniques (including SEM, CL, WDX, and PL) to characterize GaN-based semiconductor materials and microstructures. His interests also include the development of instrumentation and software for CL hyperspectral imaging, and the use of statistical techniques in analyzing the multidimensional data.