



INVITED SESSION SUMMARY

Title of Session: Technologies for Renewable Energy

Name, Title and Affiliation of Chair:

Dr Nader Anani, B.Sc. M.Sc. PGCE, PhD, MIET, CEng, SMIEEE
Associate Professor and Head of Electronics and Electrical Engineering,
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Details of Session (including aim and scope):

This session welcomes papers on topics related to the latest technologies required for harnessing renewable energy. This includes power electronic converters for renewable energy, smart metering, communications networks, wireless sensors and networks and protocols for smart grids, conditions monitoring of renewable energy installations, MMPT algorithms and implementations and digital signal processing for renewable energy. Photovoltaic (PV) and wind-energy systems modelling and simulation. Design of PV systems for stand-alone and grid-connected systems. Integration of renewable energy sources into the low voltage grid and power quality.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Professor S. Sharkh (University of Southampton, UK)
Dr M. Dahidah (Newcastle University, UK)

Website URL of Call for Papers (if any):

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