



Department of
Science &
Technology,
Government of
India

UKIERI
UK-India Education
and Research Initiative

THE UNIVERSITY
of EDINBURGH

Free Webinar on Intelligent Energy Management for Environmentally Sustainable Energy Access

Wednesday 31st of March 2021
09:00-15:00 BST (13:30-19:30 IST)

Programme

09:00-10:20

Welcome and Keynote Lectures

Welcome and introduction **Dr Aristides Kiprakis**,
University of Edinburgh

Keynote Lecture 1: **Prof Pierluigi Siano**, University of Salerno
'Addressing the Scalability and Privacy Issues of Energy Communities'

Keynote Lecture 2: **Prof Josep Guerrero**, Aalborg University
'Current State of the Art in Microgrid Research'

10:20-10:30

Break

10:30-11:30

Session 1A

Prof Bijaya Ketan Panigrahi
Indian Institute of Technology Delhi
*'Relay Coordination in Distribution
Network'*

Dr Xueqin (Amy) Liu
Queen's University Belfast
*'Smart Grid Data Analytics for Wide
Area Monitoring System'*

Session 1B

Dr Dimitrios Rovas
University College London
*'Data-driven smart buildings -
Overview of the work in IEA Annex 8'*

Dr Naran Pindoriya
Indian Inst. of Technology Gandhinagar
*'Distributed Energy Resources
Integration and Energy Management
System'*

11:30-11:40

Break

Registration on **eventbrite**: <https://d-diem.eventbrite.co.uk>



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11:40-12:40

Session 2A

Dr Jim O'Donnell
Scene Connect Ltd.
'Emblem: Evolving nanogrids for off-grid rural communities'

Dr Gautham Krishnadas
ð-time Ltd.
'Intelligence-as-a-service for the modern energy systems'

Session 2B

Prof Sri Niwas Singh
Indian Institute of Technology Kanpur
'Digital Energy Transformation'

Dr Thomas Morstyn
University of Edinburgh
'Data-Driven Management of Network Constraints and Uncertainty within Peer-to-Peer Energy Trading Platforms'

12:40-12:50

Break

12:50-14:20

Session 3

Dr Aristides Kiprakis
University of Edinburgh
'Data-Driven Distributed Network Modelling & Control'

Mr Jatin Upadhyay
Gujarat Power Research & Development Cell
'Solarization of Agriculture Consumers and Energy Accounting'

Dr Bharat Singh Rajpurohit
Indian Institute of Technology Mandi
'Large Scale Integration of Renewable Energy'

14:20-14:30

Break

14:30-15:00

Closing Session

Roundtable discussion and closing remarks
Chaired by **Dr Aristides Kiprakis**

This webinar is sponsored by the Indian Department of Science and Technology (DST), and the UK-India Education & Research Initiative (UKIERI), under the project titled 'Data-Driven Intelligent Energy Management for Environmentally Sustainable Energy Access (*D-DIEM*)'.

D-DIEM is an international collaborative research project between the Universities of Edinburgh and Queen's Belfast from the UK, and the Indian Institutes of Technology at Gandhinagar and Kanpur from India. For more information visit <https://d-diem.eng.ed.ac.uk/>

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