

ENERGY AND ENVIRONMENT RESEARCH

An Open University workshop

25 and 26 May 2017

OU Library, IL Suite, 10:00 – 16:00



We are delighted to announce a two-day International workshop on Energy and Environment at The Open University, Milton Keynes, UK, supported by the Royal Academy of Engineering and Erasmus Plus. The workshop is being organised by the Engineering and Innovation team in the Faculty of Science, Technology, Engineering and Maths and aims to strengthen our international network in Energy and Environment with European and international friends and collaborators. The OU has strong links and sustainable partnerships in energy, environment and resource policy in developing countries, with a focus on socially-oriented research and technology. Countries, among others, include India, Tanzania, Ethiopia, Bangladesh and Brazil.

This workshop will be open to all active researchers and industrialists covering communications related with solar energy materials, remote energy labs and environmental related research. It will also be streamed live to our students and made available afterwards. We will explore how we can actively promote inclusive innovation in low and middle income countries through collaborative, impact-driven research in Energy and Environment with a view to develop future bids under the Global Challenge Research Fund. Other funders include DFID, Leverhulme and Newton Funds.

The four key themes explored will be:



**Solar
fuels and
Hydrogen**



**Remote
Energy
Labs**



**Smart
Cities**



**Water
(eg security,
purification etc)**

Along with a range of internal OU speakers, International and UK researchers and principal investigators will share their research findings and collaborative initiatives:

- Dr Anh Tran from Coventry University who will be presenting on her research into renewable energy and drinking water supplies for remote and challenging communities
- Dr Askwar Hilonga, an award-winning scientist from Tanzania who has developed an innovative, low cost water filter that uses nanotechnology and sand to clean water
- Dr Richard Blanchard and Dr Sheryl Williams from Loughborough University who will be presenting on co-design with community energy projects with remote labs
- Chandrasekaran J, Founder-CEO of Watsan Technologies, a company that provides low cost, affordable Terafil water filters to urban slums and rural families in India, Royal Academy Award winner
- Prof BR Mehta Dean of Research, Indian Institute of Technology Delhi, will be presenting on innovation in solar fuels
- Pranav Gadia, Managing director, Vcare Global Pvt Ltd, India will present on Evolution of Solar Thermal & Biogas plant in India and way ahead
- Prof Jo Ueyama, Brasil, Combining Internet of Things and Machine Learning for Environmental Applications: Our Experiences in Brazil

Look forward to seeing you!

Sincerely,
Dr. Satheesh Krishnamurthy, Chair

Please get in touch with heidi.mccafferty@open.ac.uk if you have any questions.

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Supported by the OU's Strategic Research Area in International Development and Inclusive Innovation and the Research and Academic Strategy Office.