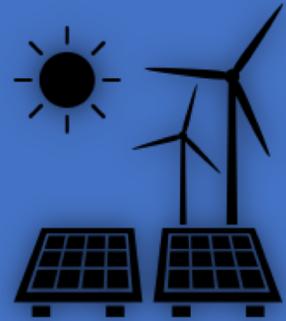


## Technology & Innovation For Transition To A Low Carbon Future



THEMATIC AREA: Environmental Technology & Climate Change

TITLE: Technology & Innovation For Transition To A Low Carbon Future

DATE: Wednesday 23 May 2018

TIME: 5 PM

DURATION: 2h

VENUE: LMEI (SOAS), MBI Al Jaber Building, 21 Russell Square, London WC1B 5EA

CONTACT: [Pouran@IEEE.Org](mailto:Pouran@IEEE.Org)

### > LECTURE HIGHLIGHTS

Climate change and other environmental crises require an urgent response. Technologies will be key in solving a transition to a low carbon future – and a potential hindrance. Technological and social innovation is needed, and uptake of current technologies needs to accelerate rapidly. How fast is fast? What are some key technological areas that will impact on our progress towards a sustainable low carbon future? What is the role of technical experts in public discourse? The talk will provide an overview of the science and the pace of the change that is required in the UK and globally, with a focus on avoiding dangerous climate change and adapting to its impacts, but touching on water, food and biodiversity challenges. She will highlight some key energy-related technologies and some potential impact.

### > THE SPEAKER

Dr. Jane Dennett-Thorpe has a varied career spanning science and policy roles, and has been committed to helping bring about a sustainable future. She is currently Managing Director for the Thomas Ashton Institute for Risk and Regulatory Research: setting up a new partnership between the University of Manchester and the Health and Safety Executive. She was Deputy Head of Science at the UK Department of Energy and Climate Change (DECC) from 2014 to 2016.

Prior to that she held policy and strategy roles in government, primarily on the low carbon agenda, for both DECC and the Department for Environment, Food and Rural Affairs since 2004. She has advised the UN Development Programme on energy matters. She has worked in international environment and development organizations in the Netherlands, and has been involved in and set up a number of initiatives to empower individuals and communities through innovations including internet radio and community renewables.



She is a Fellow of the Energy Institute. She holds a PhD in astrophysics (Cambridge) and an MSc in renewable energy systems (Loughborough).



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### > WHO SHOULD ATTEND

The event will inform you about innovative technologies and implementation practices for the transition to a low carbon future. You'll hear from a colleague with an excellent track record in advising senior policymakers.

You'll pick up new ideas and learn more about opportunities and challenges of transition to a low carbon future to mitigate the climate change impacts and the critical role that innovative technology play for this purpose.

This is a public lecture, all IEEE members and those who are interested in learning about climate change, environmental technology and its socioeconomic aspects are welcome to attend this event.

### > REGISTRATION

Please **RSVP at [Eventbrite](#) to book your seat for the lecture.**

### > ACCREDITATION

This lecture is accredited by IEEE UK and Ireland Section.



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