

Famous quotes on energy systems modelling: key issues in using modelling for decision support

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Abstract:

Mathematical and computer modelling is widely used to support decisions in energy systems planning, and in development of government energy policy. This talk will explore key issues in the use of modelling for decision support (with the help of a few experts from history), with illustrations from work at the University of Edinburgh. It will further explore opportunities for collaboration between Edinburgh, IVADO and the Montreal research community on data science and energy systems.

Bio: Chris Dent obtained his PhD in Theoretical Physics at Loughborough and spent four years as a Physics postdoc at Heriot-Watt and Marburg Universities. In September 2016 he joined the School of Mathematics at Edinburgh as Chancellor's Fellow and Reader in Industrial Mathematics.

His principle research interests lie in methodology for security of supply risk analysis, and in large scale techno-economic modelling of energy systems. He also takes a much broader interest in energy systems analysis, including statistical modelling for reliability assessment, optimization of power system operation, energy system planning, integrated energy systems, renewable resource modelling, and the use of modelling evidence in policy and planning decisions.

Wednesday August 1st 2018,

10h30-10h45: Come meet the speaker and other researchers over drinks and snacks

10h45-12h00: Presentation, Pavillon André-Aisenstadt, Université de Montréal, room 4488.

All are welcome • Contact: osg@polymtl.ca • Optimization for Smart Grids: <http://osg.polymtl.ca>