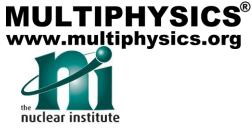
## Event Programme\*

17 October 2018



Hilton One Piccadilly Place, Manchester, M1 3DG

## Nuclear Modelling in Nuclear Science and Engineering 2018 "Advancing certainty to reduce risks and costs"

Time	Agenda	Presenter
09:15	Registration and networking	
10:00	Welcome	Chair: Moji Moatamedi International Society of Multiphysics
Session 1 Speakers will explore and discuss the following topics;		topics;
UK Government Nuclear Research		Carolyn Howlett, Fraser-Nash Consultancy
A UK Regulatory perspective on "Computational Fluid Dynamics" (CFD) for Nuclear safety analysis		Jonathan Downing, John Jones, Ali Tehrani Office for Nuclear Regulation
Session 2	Application of modelling in risk analysis	Chair: Paul Smith, Wood
Challenges in developing safety analysis models of the EU tritium breeding modules for the ITER Fusion Project		Andrew Grief, <b>Wood</b>
Virtual engineering		John Lillington, Wood
Development and application of risk oriented accident analysis methodology for Nordic BWR sever accident management		Sergey Galushin, Dmitry Grishchenko, Pavel Kudinov, <b>KTH, Sweden</b>
12:45 – 13:45		Lunch
Session 3	Data Assimilation and Uncertainty	Chair: Fiona Rayment, NIRO
Selective application of the method of propagation of uncertainty to determine safety marginsImperia		Imperial College London
Title being confirmed		Cambridge University
Title being confirmed		Bangor University
Session 4	Validation and Verification	Chair: Chris Pain, Imperial College London
Reactor core analysis: Past and Future		Paul Bryce, EDF Energy
Verification and validation of ANSWERS software		Paul Smith, Wood
Application of digital modelling and risk		Jim Henshaw & Shirley Dickenson, <b>NNL</b>
16:10	Wrap up and close from Chair, Fiona Rayment	
10.10		
16:15	Depart	