

Joint Event on
5th International Conference on
QUANTUM PHYSICS AND NUCLEAR TECHNOLOGY
&
6th International Conference on
ATOMIC PHYSICS AND NUCLEAR PHYSICS

November 18-19, 2019 | Rome, Italy

RISK CDT: PhD studentship in new approaches for modelling and simulation in nuclear power plants**Sebastian Davies**

University of Liverpool, UK

Updating the currently available nuclear reactor modelling and simulation programs is one of the key issues for a successful nuclear renaissance in the UK. This work will create an innovative contribution to the development of the UK national program in Digital Nuclear Reactor Design improving the modelling and simulation of future reactors. It will be performed in close co-operation with specialists at the University of Liverpool, Virtual Engineering Centre and industrial partners to assure good guidance and understanding of the industrial demand for improved software solutions. The work will be performed at the inter-connection between modern software development and nuclear reactor technologies with access to advanced high-performance computing and virtual engineering technologies.

Biography

Sebastian Davies is currently doing his Phd Studentship in University of Liverpool in United Kingdom.

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