

*First announcement
& call for papers*

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**PHYSOR
2020**



University of Cambridge
University of Birmingham

**PHYSOR2020
TRANSITION TO A
SCALABLE NUCLEAR
FUTURE**

March 29th - April 2nd, 2020
Corpus Christi and St. Catharine's Colleges
University of Cambridge

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KEY DATES

- June 1st, 2019 - Abstract submission
- July 31st, 2019 - Abstract acceptance notifications
- October 1st, 2019 - Full paper submission
- December 31st, 2019 - Full paper review notifications
- January 31st, 2020 - Full paper final submission



PHYSOR 2020

INVITATION

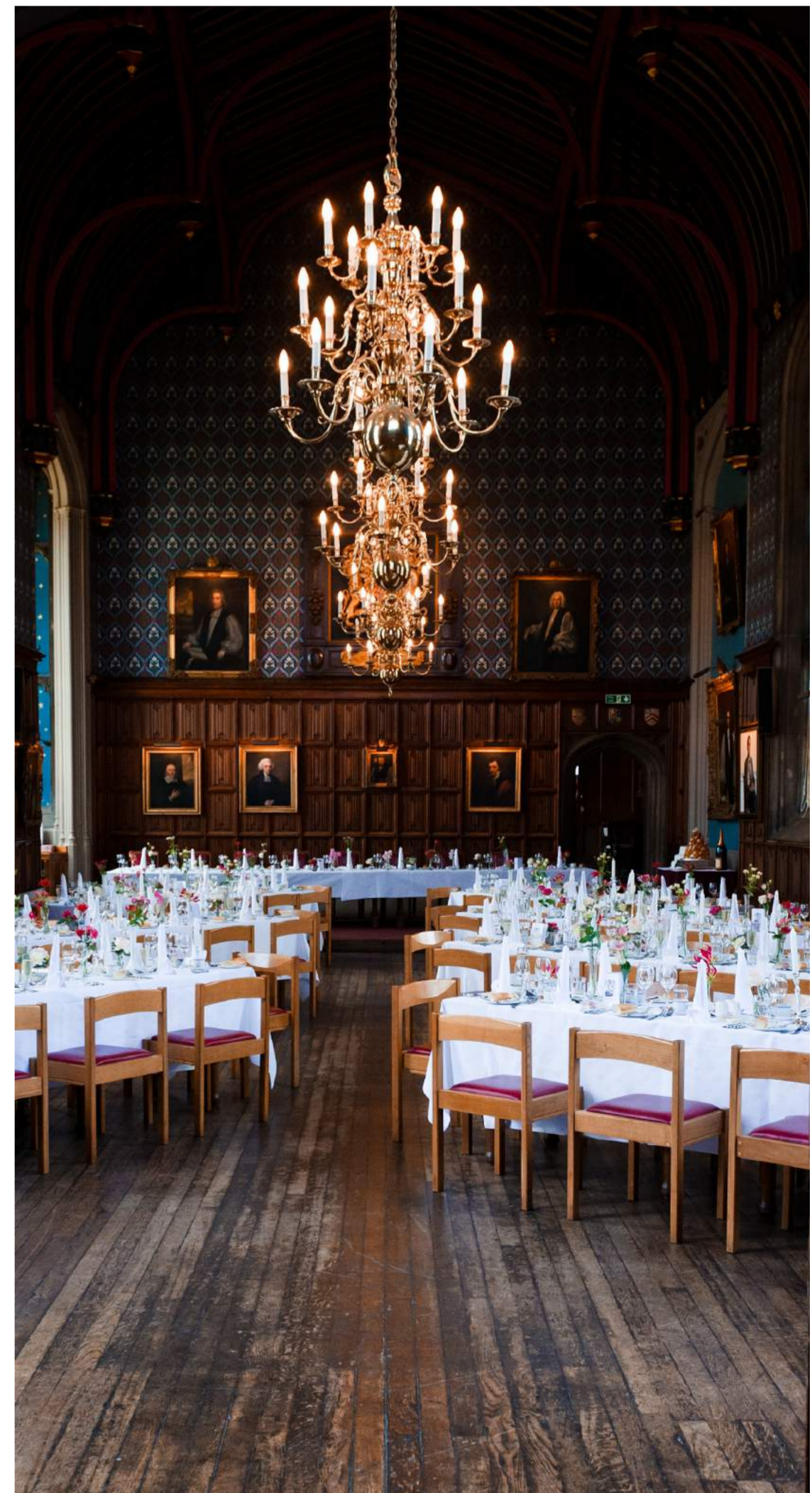
The Universities of Cambridge and Birmingham are delighted to announce the 30th anniversary of the Physics of Reactors (PHYSOR) conference, to be held between the 29th March - 2nd April 2020 in Cambridge, UK. For nuclear energy to be competitive in the future energy mix it must be scalable; both to the needs of the grid and economic climate, as well as in simulation and design. This inspires the theme of PHYSOR2020 - 'Transition to a scalable nuclear future'.

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TECHNICAL TRACKS

- Reactor Concept & Design
- Core Analysis Methods
- Deterministic and Monte Carlo Transport
- Hybrid Methods
- Advanced Modelling & Simulation
- Transient Systems & Analysis
- Research Reactor & Facilities
- Nuclear Data & Experiments
- Verification & Validation
- Reactor Operations
- Fuel Performance and Management
- Fuel Cycle & Scenarios
- Education in Reactor Physics
- Sensitivity & Uncertainty Methods
- Radiation Applications / Nuclear Safeguards
- Nuclear Criticality Safety
- Fusion Reactor Technology
- Small Modular Reactors
- Nuclear Integration in Smart Energy Grids

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