



CAMBRIDGE UNIVERSITY

ADVANCED ACCIDENT AND RADIATION-TOLERANT MATERIALS

A two day conference, bringing together world experts in the nuclear materials field.

This is a first notice of a meeting that intends to bring together scientists and engineers primarily interested in developing cladding materials to enhance the performance and safety of Light Water Reactor fuels. This concerns the deployment of advanced experimental, computational & modelling approaches to develop materials with superior neutronic, radiation and corrosion properties, which can mitigate the consequences of a severe accident. However, the approaches used will also naturally include advances in materials adapted to operate reliably in increased burn-up or fast neutron situations. Initial scientific sessions will be based around silicon carbide, FeCrAl, coated zirconium alloys, and advanced carbide systems such as MAX phases. A list of invited speakers will be circulated shortly. We encourage delegates from academia, industry and national laboratories to join us for this two-day conference at Queens' College, Cambridge. To register for further updates please email nuclearenergy@esc.cam.ac.uk

25TH – 26TH
MARCH 2019

QUEENS' COLLEGE,
CAMBRIDGE, UK
REGISTER YOUR INTEREST
nuclearenergy@esc.cam.ac.uk

SAVE
THE DATE

