

Solid Mechanics and Materials Engineering Group Seminar Series Hilary Term 2024

Seminars at 14.30pm unless otherwise specified

Seminars will take place in Lecture Room LR1, Thom Building,
Department of Engineering Science, Oxford, unless otherwise specified

Week 1 15 Jan	No Seminar
Week 2 22 Jan	No Seminar
Week 3 29 Jan LR1	Dr Yang Liu, Department of Materials, Imperial College London, UK <i>"Microscale Insights into Nuclear Structural Materials Behaviour in Light Water Reactors."</i>
Week 4 05 Feb LR1	Professor Abdelali Oudriss, Laboratoire des Sciences de l'Ingénieur pour L'Environnement, La Rochelle University, France <i>"The consequences of hydrogen and metallurgical heterogeneities interactions on plasticity and hydrogen embrittlement mechanisms of FCC metals and alloys."</i>
Week 5 12 Feb LR1	Dr Jessica Boland, Department of Electrical & Electronic Engineering, University of Manchester, UK <i>"Near field microscopy for non-contact, non-destructive material characterisation."</i>
Week 6 21 Feb L2: 2.00pm <u>Maths</u> <u>Institute</u>	Professor Serafim Kalliadasis, Department of Chemical Engineering, Imperial College London, UK (Joint seminar with Mathematical Institute, Oxford) <i>"Classical density-functional theory: from formulation to nanofluidics to machine learning."</i>
Week 7 26 th Feb LR1	Professor Dong (Lilly) Liu, Department of Engineering Science, University of Oxford, UK <i>"Deformation and Fracture of Advanced Energy Materials under Extreme Conditions."</i>
Week 8 4 th Mar LR1	Professor Felix Hofmann, Department of Engineering Science, University of Oxford, UK <i>"Irradiation-induced Structural and Property Change in Fusion Power Materials."</i>

For further information, please contact:

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