

Computer Simulation Of Materials In Extreme Environments



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Modern experimental techniques are allowing for the synthesis and characterisation of ever more elaborate structures under an enormous range of conditions such as high temperature, pressure, rapid cooling, surface deposited and confinement. The complexity of the experimental information means that parallel modelling strategies are vital if effective description of underlying physics are to be obtained.

In his lecture, Professor Mark Wilson will discuss how simulation models and strategies have been developed to address a range of problems, demonstrating how seemingly different problems are often interrelated.

Professor Wilson graduated from the University of Oxford in 1991 with a first class BA (Hons) in Chemistry and obtained his DPhil from the same institution in 1994, working on many-body effects in condensed ionic systems. He was awarded the Harrison Memorial Medal for excellence in physical chemistry by the Royal Society of Chemistry in 1998. He is presently developing a number of computer modelling programmes in collaboration with on-going experimental investigation.

Date:
16 January 2017
Monday

Time:
5.30pm - 7.00pm

Venue:
Hall 2, Graduate Centre,
Sunway University



For registration, please visit
<https://university.sunway.edu.my/jcdss>

All Are Invited

FREE ADMISSION

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