

**Confirmed Speakers and Titles of Talks**

<b>Invitee</b>	<b>Notes</b>
Aoki, Masato	<b>Adsorption of graphene on clean and oxidized (100) and (110) surfaces of iron</b>
Briggs, Andrew	<b><i>Hand in hand: a fruitful partnership of modelling and experiment</i></b>
Catlow, Richard	To be confirmed
Cawkwell, Mark	<b><i>Linear Scaling Tight Binding Molecular Dynamics for Organic Materials</i></b>
Ducastelle, Francois	<b><i>Excitonic effects in hexagonal boron nitride and transition metal dichalcogenides; a tight-binding approach</i></b>
Finnis, Mike	To be confirmed
Hammerschmidt, Thomas	<b><i>Prediction of structural stability with structure maps</i></b>
Horsfield, Andrew	<b><i>Understanding Materials with Tight Binding</i></b>
Marzari, Nicola	<b><i>Free as a bird - new vistas in the materials' landscape</i></b>
Mrovec, Matous	<b><i>Atomistic simulations of extended defects using bond order potentials</i></b>
Ngoepe, Phuti	To be confirmed
Nguyen, Duc	<b><i>Multi-scale modelling of materials for fusion applications from electronic structure methods</i></b>
Nicholls, Rebecca	<b><i>Modelling and microscopy to determine bonding and structure at the nanoscale</i></b>
Oleynik, Ivan	<b><i>Bond order potentials for simulation of materials at extreme conditions</i></b>
Rodgers, John	To be confirmed
Sutton, Adrian	<b><i>Aligned polyethylene: the perfect exemplar of the Frenkel-Kontorova model</i></b>
Todorov, Tchavdar	<b><i>Current-induced interatomic forces</i></b>
Tsymbal, Evgueni	To be confirmed
Vitek, Vasek	<b><i>Bond-order potentials and fundamental understanding of the core and glide of dislocations in refractory bcc metals</i></b>