



The British Carbon Group present: “Carbon Science and Technology for a Sustainable Future”

Wednesday 20th May, Henry Royce Hub Building, University of Manchester

AGENDA

09:30 – 10:20	Registration and Tea/Coffee
10:20 – 10:30	Introduction – <i>Dr Alex Theodosiou, BCG Chairman</i>
10:30 – 11:20	Ubbelohde Lecture: <i>“Taking Nanocarbons from Production to Applications”</i> – Prof. Ian Kinloch
11:20 – 11:40	<i>“Graphene for Sustainable Technologies: Printed Electronics and Beyond”</i> – Prof. Cinzia Casiraghi
11:40 – 12:00	<i>“A Computational Study of Photo-Driven Au Reduction using Carbon Dots”</i> – Dr Xue Yong
12:00 – 12:20	<i>“Theoretical modelling of nitrogen and sulphur doping and co-doping in graphene quantum dots”</i> – Nasiru Aminu Rano
12:20 – 13:20	Lunch + Poster session
13:20 – 13:40	British carbon group Annual General Meeting
13:40 – 14:00	<i>“Eco Friendly and Financially Responsible Disposal of the UK Legacy Irradiated Graphite”</i> – Prof. Anthony Wickham
14:00 – 14:20	<i>“Chemical activation of tyre-derived pyrolytic char: Characterisation and potential for CO₂ adsorption”</i> – Husain Ibrahim
14:20 – 14:40	<i>“Can graphitic carbon be part of a solution for a sustainable fertiliser supply in the near future?”</i> – Dr Ruben Sakrabani
14:40 – 15:00	<i>“Mechanochemical Separation of Radioisotopes”</i> – Gemma Quinn
15:00 – 15:20	<i>“Enhanced Tribological Performance of Multilayer Diamond-Like Carbon Coatings”</i> – Dr Sepideh Aliasgharia
15:20 – 15:50	Coffee Break
15:50 – 16:10	<i>“Rethinking Graphite Retrieval for a More Sustainable Nuclear Future”</i> – Nathalie Edwards
16:10 – 16:30	<i>“An investigation of the performance of tungsten-coated diamond under fusion-relevant deuterium plasma exposure”</i> – Shaokai Tang
16:30	Prize announcement & Close

