

SAMPE UK & Ireland Student Seminar 2009

The UK and Ireland Chapter of the Society for the Advancement of Materials and Process Engineering (SAMPE), in collaboration with the British Composites Society (a division of the Institute of Materials, Minerals and Mining - IOM3), held their Annual Student Seminar on Tuesday 24 November 2009 at IOM3 HQ in London. Ten students representing nine universities took part and all gave interesting well-presented talks. This left the judges with a difficult decision in selecting who to put forward for the European competition. The presentations ranged from raw materials (all-aramid composites, all-cellulose composites and coupling agents), through materials properties (natural fibre reinforcements, delamination, crack bridging and energy absorption) to manufacturing (see below).

Two students were selected to go forward to the European Student Seminar (prior to and during the SAMPE Conference/JEC Exhibition) to be held in Paris during April 2010. They were:

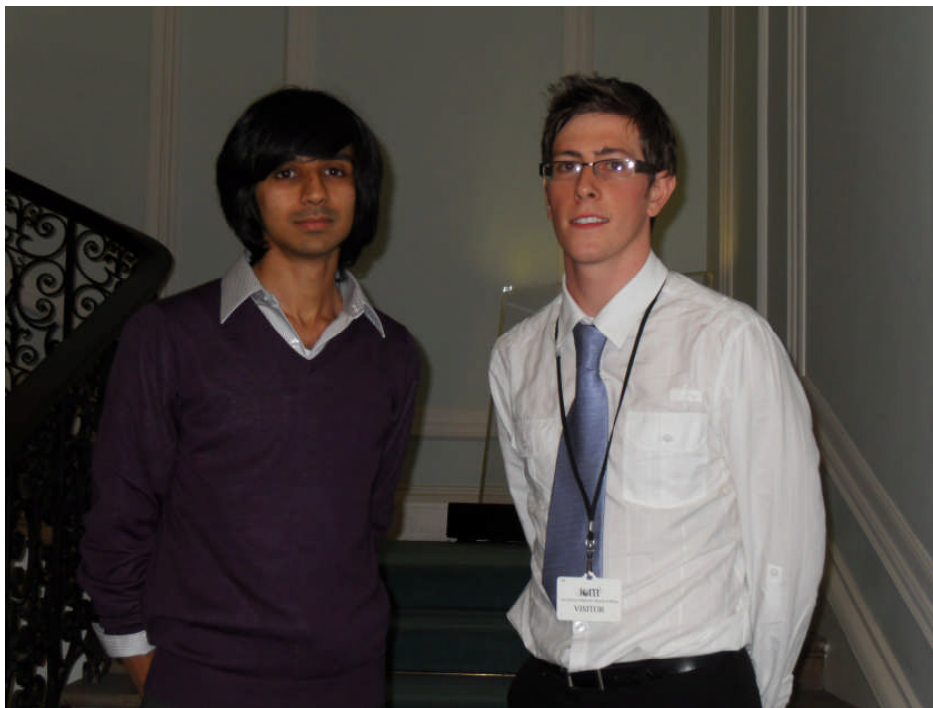
Yusuf Mahadik (University of Bristol) for the Ed Trewin Prize who presented
Characterisation and finite element modelling of 3D woven composite architecture, and
Craig Smith (University of Birmingham) for the JEC Environmental Award who presented
Reinventing the cardboard tube: production of filament wound tubes using recycled glass

The reserve place for the Paris meeting was awarded to **Luchoo Rajivsan (University of Nottingham)** who presented

Automated net-shape deposition of discontinuous carbon/epoxy charges for structural applications

The organisers would like to thank IOM3 for the provision of the venue and the audio-visual equipment and SAMPE for funding the refreshments. The judges were Sue Panteny (Materials in Transport), Andrew Mills (Cranfield University) and John Summerscales (University of Plymouth). Any prospective contestants (primarily research degree candidates, but outstanding undergraduate projects are not excluded) for the competition next year should contact the organiser, Andrew Mills at Cranfield University. A call for participants will be sent to key UK academics in advanced materials in Autumn 2010. If you did not see the invitation this year and would like to, then do ask to be included.

Photograph of the winners (left=Yusuf, right=Craig) taken **by Qutaiba Abessalam:**



John Summerscales, Dec 2009