

MEETING PROGRAMME

Vacuum & Plasmas for Industry - essential ingredients for manufacturing success

Date: Wednesday 17th October 2012
Venue: Yorkshire Bank South (First Floor), Ricoh Arena, Coventry, CV6 6GE

**ADVANCE
REGISTRATION
REQUIRED**

IT IS FREE TO ATTEND THIS CONFERENCE

<https://eventbooking.stfc.ac.uk/news-events/vacuum-symposium-3>

PROGRAMME

09:30 registration and coffee

SESSION 1 - Chair: Alan Webb

10.00 Introduction

10.10 **Plasma process control in the semiconductor industry.**
Niall Macgearailt, Intel Ireland.

10.40 **Plasma-catalysis for greenhouse gas conversion into fuels and carbon nanomaterials.**
Xin Tu, Department of Electrical Engineering and Electronics, The University of Liverpool

11.00 **Low pressure processing in high pressure businesses.**
Dr Delwyn Evans, P2i Ltd.

11.30 **ARIEL's e-linac and beam transport line vacuum systems.**
D. Yosifov, A. Koveshnikov, TRIUMF, Canada's National Laboratory for Particle and Nuclear Physics

12.00-14.00 - lunch, exhibition & poster session (Vacuum Group AGM) -

SESSION 2 - Chair: John Colligon

14.00 **Plasma-based processes for volume manufacture of magnetic recording heads.**
Denis O'Donnell, Seagate, Springtown, NI.

14.30 **Large area coating for glazing.**
John Oldfield, Pilkington Technology Centre, Nippon Sheet Glass Group

14.50 - tea break and exhibition -

15.20 **The importance of vacuum and the control of pressure in freeze-drying.**
Kevin Ward, Biopharma Technology Ltd.

16.10 **Reducing Wear using plasma based surface engineering processes.**
Allan Matthews, Department of Materials Science and Engineering, Sheffield University.

16.40 Short (10 minute) contributions.

17.00 closing remarks.

PROGRAMME COMMITTEE

Prof John Colligon, Manchester Metropolitan University
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Dr Alan Webb, Open University
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ORGANISATION / ADMINISTRATION

Vacuum Symposium UK
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A 3rd VACUUM SYMPOSIUM UK PROGRAMME



3RD VACUUM SYMPOSIUM UK

Other programmes:

- Big Science/Large Vacuum Systems - goals, challenges, choices, solutions
Nanostructured Metal Oxide Thin Films
- Vacuum Training

HELD AT AND IN ASSOCIATION WITH VACUUM EXPO



This meeting is held during Vacuum Expo 2012. The meeting programme is prepared to allow all delegates sufficient time to visit the exhibition. It is highly recommended that all potential participants also register as visitors to the exhibition in advance to receive email updates about the event.

More at: www.vacuum-expo.com

**REGISTER AND
MORE INFO AT**
www.vacuum-uk.org