



SAMPE UK & Ireland Chapter

ANNUAL SEMINAR & SME TABLE TOP EXHIBITION

High Performance Composites – *The Way Ahead*

Wednesday 24th February 2010

Nottingham Belfry Hotel

Mellor's Way, Off Woodhouse Way, Nottingham, NG8 6PY

<http://www.ghotels.co.uk/hotels/the-nottingham-belfry.aspx>

Sponsored by:



Abaqus – Simulia - Dassault Systèmes



The Seminar programme comprises sessions with invited speakers, all experts in their field, from companies and organisations making major contributions to the technical progression and commercial exploitation of composites.

Registration Fees

Non SAMPE Members	£175
Inc. free membership of SAMPE for 1 year	
Non SAMPE Members	£125
SAMPE members	£80
Retired members	£60
Students	£40

Seminar Registration:

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Background: This 1-day seminar on “**High Performance Composites – The Way Ahead**” will address advances in materials and manufacturing technologies that are essential to secure continued success for high performance composites. Presentations will cover automated preforming and out-of-autoclave manufacture, advanced design techniques and applications in the aerospace, automotive and marine sectors. We will also host a table-top exhibition for innovative SMEs who offer cutting edge solutions. The provisional programme is as follows:

09.30 Coffee/Registration

10.00 Introduction: Prof. Andrew Long SAMPE UK & Ireland Chapter Chairman

10.05 Keynote Speaker

**Delivering Business through High Performance Products - Experience from Airbus in UK
Nigel Vockings – Head of Manufacturing Engineering & Assembly Installation (UK- Plant)**

**10.40 Weaving and Fibre Placement Technologies for Aerospace Composites
Scott Murray, Technical Director Sigmatex UK**

11.10 Coffee

**11.40 The Future of Marine Composites
Rachel Nicholls-Lee, University of Southampton**

**12.10 Abaqus advanced analysis solutions
Alan Prior, Abaqus UK**

12.30 Lunch - kindly sponsored by Abaqus

**13.30 Specifying a Large Composite Part
Dr Tanya Sabin, Messier Dowty**

**14.00 T25 City Car
Gordon Murray, Gordon Murray Design**

14.30 Coffee

**15.00 Out of Autoclave Prepreg Development
Ebby Shahidi, Advanced Composites Group**

**15.30 Characterisation and Finite Element Modelling of 3D Woven Composite Architecture
Yusuf Mahadik, University of Bristol. Winner of the Ed Trewin Prize,
2009 SAMPE UK & Ireland Student Seminar.**

The programme may have to be changed due to factors outside the control of the organisers



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