

# UK Magnetics Society

Grove Business Centre Grove Technology Park Wantage Oxfordshire OX12 9FA UK  
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www.ukmagsoc.org

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one day seminar

## ***CAD for Electromagnetic Devices***

**Wednesday, 5 November 2008**

at

**Rolls-Royce plc, Derby**

This year the regular UK Magnetics Society's CAD exhibition/seminar offers a strong technical programme consisting of presentations from the users of a range of software tools and packages for electromagnetic design and analysis. The presentations will give an insight into how these tools are applied to model a wide range of electromagnetic devices and the particular challenges encountered, as well as highlighting the latest developments in the available modelling capabilities; primarily presented from a user's perspective, and a diverse range of industries and applications will be represented. The keynote speech will be given by Professor Jan Sykulski of the University of Southampton. To support the technical presentations, there will be an exhibition with demonstrations of the latest CAD software from the developers and vendors, which will offer an excellent opportunity to discuss modelling requirements with key players in the industry.

## **P R O G R A M M E**

Chairman: Dr John Cullen, Rolls-Royce plc

from 0900 REGISTRATION/COFFEE

1000 WELCOME/INTRODUCTION

1010 ***Modern Design Optimisation exploiting Field Simulation,***

Professor Jan Sykulski, School of Electronics and Computer Science, University of Southampton

1040 ***Accurately Predicting the Performance of Linear Induction Motors,*** Dr Denis Edwards, School of Engineering, University of Sussex

1110 ***Practical Application of CAD in a high power density motor for a very short-duty aerospace actuator***

Alastair Flew, Electro-Kinetic Designs Limited

1140 ***Does the World need yet another finite element programme?***

Professor Dave Rodger, Bathwick Electrical Design Ltd

1210 LUNCH/EXHIBITION

Chairman: Dr Alex Michaelides, Vector Fields

1340 ***End User Customisation of Quickfield Software,***  
Peter Dickson, Pac-Rim Engineering Services Inc

1410 ***Modelling of Advanced Electromagnetic Devices,***  
Dr David Powell, Magnomatics Limited

1440 TEA/COFFEE

1510 ***Insulation Design for 800KV DC,***  
David Wright, AREVA T & D UK Limited

1540 Title/Presenter to be announced

1610 END

**PLEASE COMPLETE AND RETURN TO:**

**Jane Ward, UK Magnetics Society, Grove Business Centre, Grove Technology Park, Wantage, Oxon OX12 9FA**  
**tel: +44 (0)1235 770652 fax: +44 (0)1235 772295 email: jward@ukmagsoc.co.uk www.ukmagsoc.org**

I wish to attend the UK Magnetics Society one-day seminar **CAD for Electromagnetic Devices**, to be held on Wednesday, 5 November 2008, at Rolls-Royce plc, and enclose remittance to cover technical sessions, seminar documentation, refreshments and lunch (cheques made payable to the **UK Magnetics Society** and drawn on a UK bank).

Payment may also be made by bank transfer: UK Magnetics Society, Barclays Bank plc, 17 Market Place, Wantage, Oxon OX12 8AG, UK, Acct No 50893293, Sort Code No: 20-90-91, IBAN:GB98 BARC 2090 9150 8932 93, SWIFTBIC: BARCGB22. **Please add £10 to cover bank charges if paying by bank transfer from overseas.**

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If you wish to pay by VISA/Mastercard/Delta etc, please complete all sections of the form below.

	FEE	VAT	TOTAL
<input type="checkbox"/> UKMAG members	£ 79.00	£13.82	<b>£ 92.82</b>
<input type="checkbox"/> UKMAGstudent members	£ 23.50	£ 4.11	<b>£ 27.61</b>
<input type="checkbox"/> Non-members	£168.00	£29.40	<b>£197.40</b>
<input type="checkbox"/> Non-member students	£ 39.00	£ 6.82	<b>£ 45.82</b>
<input type="checkbox"/> I wish to make a poster presentation			

**PLEASE REGISTER BY 20 OCTOBER 2008 IF POSSIBLE**

Surname.....		First name.....	
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