



ANNUAL GENERAL MEETING

followed by a two-day technical meeting

joint with the Institute of Physics Optics Group

OPTICS OF DISPLAYS

Wednesday 6 & Thursday 7 April 2005 at Knebworth House, Stevenage

Whether one is considering OLEDs, LCDs, projection systems, near-eye imagers, 3D displays, tiled displays etc, there is one topic that controls the power consumption, form factor, cost, commercial viability, image quality and image perception and that is the display optical system.

Programme

Wednesday 6 April 2005

- | | | |
|-----------------|---|--|
| 9.30 | Registration and coffee | |
| 10.00 | Chapter AGM | |
| 11.00 | LED backlighting for LCDs | Patrick van der Muelen
Lumileds |
| 11.30 | Novel Display backlights with fluorescent lamps | Klaus Wammes
Advis |
| 12.00 | Optical properties of liquid-crystal displays | Steve J Elston
University of Oxford |
| 12.30 | Reactive mesogen films for LCD applications | Karl Skjonnemand
Merck |
| 13.00 | Lunch | |
| 14.00 | Towards electronic paper – a printed plastic bistable display | Steve Kitson
HP Labs |
| 14.30 | Low-cost optical solutions for personal microdisplay systems | David Steven & Ian Underwood
MED |
| 15.00 | Surface plasmon-polariton mediated emission of light through thin metal films | Stephen Wedge
Exeter University |
| 15.30 | Optical design and function in the ITrans tiled LCD array display | Niall Gallen
Screen Technology |
| 16.00 | Tea | |
| 16.30 | Image quality and evaluation for SD and HDTV | Hans Hoffmann
European Broadcasting Union |
| 17.00 | Human factors of displays - a case study - medical displays | Colin Roscoe
University of Abertay |
| 18.30 for 19.00 | Chapter 20th Anniversary dinner at Corus Hotel (formerly The Cromwell), Stevenage | |

Thursday 7 April 2005

9.45	Registration and coffee	
10.15	ADRIA Co-ordination action	Chris Gracie SOA
10.30	Holographic projection displays	Tim Wilkinson University of Cambridge
11.00	Flat Projection Displays and Cameras	Adrian Travis University of Cambridge
11.30	The science and technology of HID light sources for projection applications	Barry Preston GE
12.00	Single-channel microdisplay RPTV	Ryan West CRLO Displays
12.30	Lunch	
13.30	Trends in mobile displays	Jyrki Kimmel Nokia
14.00	Self-organising optical-film materials	Nicholas Walker Microsharp
14.30	Collaborative autostereoscopic 3D display system	Colin Cameron QinetiQ
15.00	Prototype multi-user 3D television display	Phil Surman De Montford University
15.30	An introduction to photonic systems in nature	Peter Vakusic Exeter University
16.00	Tea	

Location

The entrance to the Knebworth Park is on Junction 7 of the A1(M). It is two miles from Stevenage railway station and within easy reach of the London airports, Heathrow (30 miles), Gatwick (75 miles), Luton (12 miles) and Stanstead (25 miles).

Anniversary Dinner

There will be a dinner in the evening of the first day to celebrate the 20 th anniversary of the UK & Ireland Chapter at the Corus Hotel (formerly The Cromwell) in Stevenage Old Town High Street. The dinner is at 6.30 pm for 7.00 pm and the cost is £30. Booking for the dinner is included on the meeting registration form.

Hotels

There are a number of hotels in the area including:

The Ibis	Tel 01438-779955
The Gate Hotel	Tel 01438-314126
The Cromwell Hotel	Tel 01438-779954
Archways Lodge	Tel 01438-740389
Abbingdon Hotel	Tel 01438-315241
Novotel	Tel 01438-346100 On Junction 7 of the A1(M)
Travel Inn	Tel 01438-351318 Near Junction 8 of the A1(M)
Roebuck Inn	Tel 01438-365445 1 mile from Junction 7 of the A1(M)

The list is the order of their distance from the railway station. Other hotels can be found on the Herts County Council web site

Registration - Please register by 25 March 2005

To: Dr John R Mansell, 90 Hurst Farm Road, EAST GRINSTEAD, RH19 4DH tel & fax: 01342 323996
(J_and_K_Mansell@compuserve.com)

I wish to register for the meeting on 6 & 7 April 2005, please print:

Title	Initials	Name	
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Company	-----		

Address	Date		
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	Tel		
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	Fax		
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Postcode	Email		
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Please tick as appropriate: **(Members rates apply both to SID and IoP members)**

6 Apr	Mem £60	<input type="checkbox"/>	Non-mem £80	<input type="checkbox"/>	Student mem £15	<input type="checkbox"/>	Non-mem £30	<input type="checkbox"/>
7 Apr	Mem £60	<input type="checkbox"/>	Non-mem £80	<input type="checkbox"/>	Student mem £15	<input type="checkbox"/>	Non-mem £30	<input type="checkbox"/>
2 days	Mem £100	<input type="checkbox"/>	Non-mem £130	<input type="checkbox"/>	Student mem £25	<input type="checkbox"/>	Non-mem £60	<input type="checkbox"/>
Twentieth Anniversary Dinner at the Corus Hotel (formerly The Cromwell), High Street, Stevenage Old Town £30								<input type="checkbox"/>

Please make cheques payable to SID UK