Second Announcement and Call for Papers

12th International Conference on Electrostatics

Electrostatics 2007

March 25th – 29th 2007
St Catherine’s College, Oxford, UK

Organised by the Electrostatics Group of the Institute of Physics

Institute of Physics
The 12th International Conference on Electrostatics, Electrostatics 2007, will be held at St Catherine’s College, Oxford on March 25th – 29th 2007. The conference is organised by the Electrostatics Group and the Institute of Physics and continues the International Conference series on Electrostatics which takes place in the United Kingdom every 4 years.

Static electricity is one of the oldest known physical phenomena and it has been studied since the time of the ancient Greeks. The subject remains one of great importance into the 21st Century. Indeed, research into MEMS, various aspects of bio-electrostatics and environmental electrostatics are becoming increasingly important, while ESD and electrostatic hazards continue to be major commercial and industrial issues.

The scope of the conference is broad, covering general electrostatics, and a range of specialist topics relevant to current research and industrial concerns. Electrostatics 2007 will bring together experts from academia, research laboratories and industry. You will be ensured of a warm welcome to Electrostatics 2007 in the vibrant and historic city of Oxford, with its long and renowned reputation for academic excellence.

**Speakers names and titles**
The following speakers have been confirmed so far:

*The Bill Bright Memorial lecture*

Dr Norbert Gibson (University of Manchester)

**Abstract submission**
submit and abstract by 15 September 2006. The committee will note your preference for poster and oral presentations but cannot guarantee your preferred option.

Contributed papers and posters are invited in the following areas:

- Atmospheric Electricity
- Bioelectrostatics
- Biological applications
- Electrohydrodynamics
- ESD
- Electrostatics in Combustion
- Electrostatic effects in drug delivery
- Electrostatic microencapsulation
- Electrospinning
- Environmental Electrostatics
- Health Effects, Ionisation and charge control
- Liquids, Measurements
- MEMS

Details at [http://conferences.iop.org/ELE/](http://conferences.iop.org/ELE/)
Further details on how to submit your abstract will be publicised on the conference website in due course at [http://conferences.iop.org/ELE/](http://conferences.iop.org/ELE/).

### Location and venue
Honey-gold buildings and a riverside setting are just part of Oxford’s unique appeal that once visited is unforgettable. College quadrangles and gardens provide a tranquil foil to a compact and beautiful city centre, which is lively all year round.

Well renowned for as a seat of learning and tradition for over 800 years, Oxford has centuries of history to unveil whilst at the same time hasw not failed to remain in the present. With all the high street shops and many contemporary bars and restaurants, Oxford has a traditional covered market, gift and antique shops as well as some of the finest bookshops in the world.

Oxford is easily accessible by train, air, coach and road. London Heathrow and Gatwick Airports are linked to Oxford by The Airline coach service, which operates a direct frequent service twenty-four hours a day. Train services to London Paddington run twice an hour during the day, with journeys taking around 60 minutes. X90 The Oxford Express has express coaches linking central London (Victoria) with Oxford (Gloucester Green), running every 20 minutes during the daytime. Oxford is connected to London, by the M25 and the Midlands by the M40 motorway. Junctions 8 and 9 link directly to the city. The Oxford ring road provides direct access to the south and west coast ports of Southampton, Portsmouth and Bristol via A34.

St Catherine’s College, Oxford, founded in 1962 is situated on the periphery of the city centre with easy access to social, cultural and historic sights.

For further information about Oxford and Oxford University visit [www.ox.ac.uk/aboutoxford/](http://www.ox.ac.uk/aboutoxford/) [www.visitoxford.org](http://www.visitoxford.org)

### Social events
A social events programme will include evening events, and a conference banquet. Local excursions can be organised for accompanying persons.

### Workshop
A workshop will be held on March 25th aimed at those who wish to learn more about the principles of the subject and its implementation. The workshop will provide a discussion forum on the fundamentals, theory and hazards of electrostatics, and is sure to feature some memorable demonstrations. More information about the topics to be covered in the workshop and the speakers will be available on the conference website.

### Bursaries
The conference is offering up to 10 student bursaries and will be bestowing an award for the best presentation at the meeting by a student researcher.

Details at [http://conferences.iop.org/ELE/](http://conferences.iop.org/ELE/)
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Exhibition
An exhibition on related products and techniques will be held alongside the conference. It will provide an opportunity to view the latest technology available from leading manufacturers.

For further details about the exhibition or on how to exhibit, please contact Jasmina Bolfek-Radovani at the Institute of Physics.

Programme committee
N Green (University of Southampton)
L Gaunt (University of Southampton)
G Harrison (University of Reading)
P Holdstock (Holdstock Technical Services)
M Taylor (University of Wales, Bangor)
J Smallwood (Electrostatic Solutions)
D Henshaw (University of Bristol)
HI Morgan (University of Southampton)

International steering committee
Dr Ullrich von Pidoll (PTB, Germany)
Dr Jaakko Paasi (VTT Technical Research Centre of Finland)
Professor Thomas B Jones (University of Rochester, USA)
Professor Lucian Dascalescu (University of Angouleme, France)
Professor Mark Horenstein (Boston College of Engineering, USA)
Dr Lars Fast (University of Uppsala, Sweden)
Professor Ed Law (University of Georgia, USA)
Professor Akira Mizuno (Toyahashi University of Technology, Japan)
Dr Martin Glor (Swiss Institute for the Promotion of Safety and Security)
Professor Peter Castle (University of Western Ontario, Canada)
Professor Antonio Castellanos (University of Seville, Spain)

Important Dates

Abstract Deadline: 15 September 2006
Notification of acceptance to authors: 13 October 2006
Paper deadline: 1 December 2006
Programme and Registration: January 2007
Early Fee Deadline: 20 February 2007
Late Fee Deadline: 12 March 2007
Workshop: 25 March 2007
Conference: 26-29 March 2007

Further Information
For further information about the conference please contact:
Jasmina Bolfek-Radovani, Conference Organiser, The Institute of Physics, 76 Portland Place, London, W1T 1NT, UK.
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For regular updates about the conference please visit http://conferences.iop.org/ELE/

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