



MPEC 2012

Medical Physics and Engineering Conference

CALL FOR PAPERS



IPEM

10th - 12th September 2012

Examination Schools, Oxford

On behalf of the MPEC 2012 organising committee, I would like to extend a very warm invitation for you to attend the Medical Physics and Engineering Conference (MPEC 2012) which will be in Oxford on the 10th – 12th September 2012. The conference will be held at the Examination Schools on the High Street, in the centre of historic Oxford, with accommodation, lectures, exhibition and social events within close walking distance.

This is the annual scientific meeting of the Institute of Physics and Engineering in Medicine (IPEM), and will provide the ideal forum to achieve the Institute's charitable aims by bringing together physical science, engineering and clinical professionals working in academia, healthcare services and industry to share and disseminate knowledge. It will also be an opportunity to enjoy the vibrant culture and tradition of academic excellence that Oxford has to offer; set in beautiful surroundings.

Dr Chris Gibson
Chair of Organising Committee



Abstract Submission Deadline: 16th April 2012
All abstracts must be submitted @ www.ipem.ac.uk

Institute of Physics and Engineering in Medicine

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First Call Announcement and Call for Papers

This conference will run over three days and offers an opportunity for ideas to be presented to a wide audience. Contributions are invited from Clinical Scientists, Clinical Technologists, Trainees, Academics, Radiographers, Medical staff, and other scientific and technical staff working in industry.

The conference theme is Fusion – bringing together techniques and technologies to enhance patient care. There will be a range of sessions to cover all physical science and engineering specialities. Contributions in the following areas are particularly welcomed, but this list is not exhaustive or exclusive and contributions in other areas of physical science and engineering are welcome:

- Cloud computing and applications for scientific services
- Cost efficient and meaningful QA
- Dosimetry
- European dimension e.g. BSS Revision and the EMF Directive
- Imaging e.g. in dementia, oncology, peripheral vascular, lung and cardiac
- Patient Safety for medical devices and for ionising and non-ionising radiations
- Radiobiological effects
- Sports Science
- Telemedicine

We also welcome contributions on wider aspects of science in health, including:

- Future Visions (of healthcare, of the NHS, of scientific services)
- Leadership for science in health
- Public understanding and communication of science
- Education and Training for healthcare science

The IPEM Biennial Radiotherapy Physics meeting will be held as part of the main conference programme and contributions can also be made via the abstract submission site. The MPEC 2012 conference will also be followed by the autumn meeting of the British Nuclear Medicine Society, with overlapping joint sessions. Separate calls for papers will be issued for these meetings.

How to submit

Papers will be selected for oral, poster or demonstration sessions, although consideration will be given to the preferences of the contributors. In addition to these sessions, there will be a number of industrial symposia, teaching, training and public sessions during the period of the conference.

Full details on the format required for abstracts and the abstract submission form can be found on the conference web site (www.ipem.ac.uk). Abstracts must be submitted via the website. The accepted abstracts for this conference will be published in an IPEM publication (with ISBN number), which all delegates will receive.

All abstracts submitted will be peer-reviewed prior to acceptance. The Review Criteria will be:

- A clear statement of the problem and its significance to physical science and engineering in medicine and biology
- The originality and contribution of the work
- The methodological quality
- The outcome and its relevance.

To submit a paper visit www.ipem.ac.uk.

Abstract Format

It is important that you adhere to the exact format specified in the abstract submission guidelines on the website in order to qualify for entry into the abstract publication. It is hoped that there will be a "stop-press" option at a later stage for poster submissions only. Posters submitted via this route however will not be included in the abstract booklet. Please read the instructions carefully and use the template which can be downloaded from the website.

Please note that all proffered presenters are required to register and pay the appropriate registration fee in order to present. Presenters will be notified of acceptance in late May and will be required to confirm their attendance by July to ensure publication of their abstract.

Prizes

For details of all our prizes and awards please visit www.ipem.ac.uk.

Accommodation, Travel and Social Events

The conference will take place at the Examination Rooms in Oxford. Accommodation will be available within the city, and a range of social events will be taking place including the conference dinner on the 11th September 2012. Further details will be available on the conference website @ www.ipem.ac.uk.

Contact Details:

MPEC 2012 Secretariat
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