

MPEC NOTTINGHAM
2010 

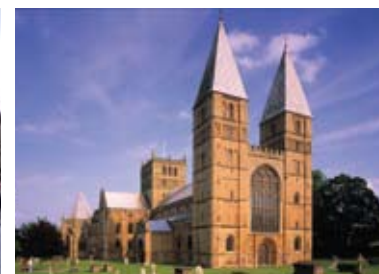
Medical Physics and Engineering Conference

14th - 16th September 2010

Nottingham University

Jubilee Campus





Medical Physics and Engineering Conference 2010

On behalf of Science Board and the Organising Committee, it is my pleasure to extend a very warm invitation to you to attend the 2010 IPPEM Medical Physics and Engineering Conference (MPEC 2010) which will be held on the 14th – 16th September 2010 at the Jubilee Campus of Nottingham University.

The format of MPEC 2010 will differ from previous years in that a number of sessions will be run by the IPPEM special interest groups (SIGs) and, by including high profile invited speakers, will offer cutting edge sessions over the 3 days of the meeting. MPEC 2010 will be held jointly with the Bioengineering 10, the third conference and exhibition of the Society of Bioengineering, providing even more opportunity for networking between those employed in the healthcare sector and academics. As in previous years, eponymous lectures, sessions for trainees, and a joint IPPEM/IoP Medical Physics Group session will be included. By bringing together physical scientists, engineers and clinical professionals in academia, healthcare, and industry to share and disseminate knowledge, the conference will provide an ideal forum not only to achieve the IPPEM's charitable aims but also one in which participants can enjoy a pleasant social programme and networking possibilities.

We look forward to welcoming you to Nottingham in September.

Professor Jeff Hand

Chair, MPEC 2010 Organising Committee



First Call Announcement and Call for Papers

Papers will be allocated to oral, poster or demonstration sessions according to where they best fit within the program. In addition, there will be a number of industrial symposia, teaching, training and public sessions during the period of the conference.

Contributions are invited from Clinical Scientists, Technologists, Trainees, Academics and people working in industry. Specific topics will include:

- Biomechanical Measurement in Clinical Practice
- Field practice and emerging technologies
- High Performance Computing in Medicine
- Tomosynthesis
- PET/CT and SPECT/CT Multimodality Imaging
- Cardiac MRI
- Current issues in Positron Emission Tomography

SIGs who are contributing to the programme include:

- Diagnostic Radiology
- Informatics and Computing
- Magnetic Resonance
- Nuclear Medicine
- Physiological Measurement
- Radiation Protection
- Rehabilitation and Biomechanics
- Ultrasound and Non-Ionising Radiation

Contributions from any other areas of physics and engineering applied to medicine and biology will also be considered for poster submission. 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. Accepted abstracts for MPEC 2010 will be published in an IPPEM publication (with ISBN number) and all delegates will receive a copy.

All abstracts submitted will be peer-reviewed prior to acceptance.

The Review Criteria will be:

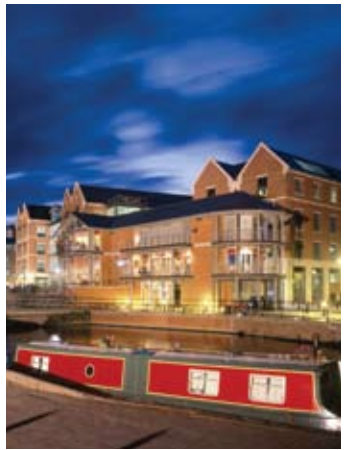
- A clear statement of the problem and its significance to physics and engineering in medicine and biology
- The originality and contribution of the work
- The methodological quality
- The outcome and its relevance.

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. 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.

For further details or to submit a paper for this meeting please visit the IPPEM website www.ipem.ac.uk



IPEM

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