



THE INSTITUTE OF
ELECTRICAL AND ELECTRONICS
ENGINEERS



**UNITED KINGDOM AND REPUBLIC OF IRELAND SECTION
ENGINEERING IN MEDICINE AND BIOLOGY CHAPTER**

<http://ewh.ieee.org/r8/ukri/embs/>

Chapter Report

12th September 2005

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Special Events and Activities

- The sponsored/co-sponsored events since March 2005 included:
 - **12-13 April 2005: *International Workshop on Wearable and Implantable Body Sensor Networks, Department of Computing, Huxley Building, 180 Queen's Gate on the South Kensington Campus of Imperial College London, UK***, (Technically co-sponsored by the UKRI EMBS chapter)

- **29 June - 1 July, 2005: *Second International Conference on Computational Intelligence in Medicine and Healthcare - CIMED2005, Costa da Caparica, Lisbon, Portugal***; (technically co-sponsored). The second such conference the chapter has technically co-sponsored.
- **18-20 July 2005: *IEEE EMBS UK & RI Postgraduate Conference on Biomedical Engineering and Medical Physics - PGBIOMED'05***, University of Reading, Reading UK. (Co-organised with the IEEE UKRI EMB Student Society.) Following the last few year's very successful conferences, we are proud to announce the two day conference that took place at the University of Reading. This conference gives an opportunity for students to present and talk about their work within the field of biomedical engineering and medical physics. There were also competitions for the best paper presentation. Fees were kept deliberately as low as possible in order to make the conference affordable to postgraduate students.
- The sponsored/co-sponsored events planned for 2005/2006 so-far include:
 - **3-4 November 2005: *3rd IEE International Seminar on Medical Applications of Signal Processing***, The IEE, Savoy Place, London, UK; (technically co-sponsored with IEE).
 - **22 March 2006: *Measurement and Modelling of Autonomic Function***, London, UK; (technically co-sponsored with IPEM).
 - **July 2006: *PGBIOMED'06***, planned for July 2006.
 - **17-19 July 2006: *Medical Signal and Information Processing - MEDSIP2006***, Teachers Building, Glasgow, UK; (technically co-sponsored with IEE).
- The chapter has negotiated special (reduced) member rates for all events we host/co-sponsor and sets up a stand (free of charge) promoting IEEE / EMB Society membership in all events.
- A number of administrative and conference committee meetings took part throughout 2005.

Student Activities

As in previous years, our main event for 2005 was IEEE EMBS UKRI Postgraduate Conference on Biomedical Engineering and Medical Physics - PGBIOMED'05, held at the University of Reading in July. This event is co-organised with the UKRI EMB Student Society and provides an opportunity for students to present and talk about their work within the field of biomedical engineering and medical physics.

Other Chapter Business & Future Events

- The chapter website continues to be updated. EMBS members are also kept up to date with UKRI, Region 8 and world-wide EMBS events - as we receive more and more requests to circulate information about European and world-wide EMB activities. The chapter is also promoting senior membership and offering help to anyone of its members interested. We have also started and continue regular email updates to chapter members.
- The chapter has actively targeted eligible members of IEEE to prompt for FIEEE nominations as well as prompting for nominations for applicable awards for members.
- A further number of sponsored and co-sponsored events are in the planning stage for 2005/2006.

- We continue to pursue the desire to concentrate on a series of regional half day talks and seminars, which involve members working in the clinical and industrial, as well as the academic field. To this end we continue to appeal to the members to suggest topics of interest that we can concentrate on throughout this year and beyond.
- The chapter is still a part of the discussions we have initiated between the IEEE, the IEE and IPEM on ways to further increase the collaboration across Institutes in the UKRI for the benefit of Biomedical Engineers and Medical Physicists alike. We are hoping that a joint event will be forthcoming, possibly at the IPEM conference in September 2006 - members will be kept informed as soon as an event is formulated.



Dr Christopher J. James
Chapter Chairman

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