



THE INSTITUTE OF
ELECTRICAL AND ELECTRONICS ENGINEERS



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

**Report for Section Meeting
12th March 2003**

Officers of the Chapter

Chairman

Dr. Christopher J. James
Biomedical Information Engineering Research Group
Aston University, Aston Triangle, Birmingham B4 7ET
(email) jamescj@aston.ac.uk (tel) 0121 333 4631 (fax) 0121 333 4586

Secretary

Roland J. Saam
(email) r.j.saam@ieee.org (tel) 020 7373 5498

Past Chair

Dr. G.Z. Yang, Imperial College

Region 8 Representative

Dr. Raouf Naguib, Coventry University

The chapter could do with more officers and a recruitment drive both for members and officers of the chapter is a top priority item for the development of the chapter for 2003.

Special Events and Activities

The main event for 2002 was:

Postgraduate Conference on Biomedical Engineering and Medical Physics: "Interfacing Engineering Expertise with Medical Applications: Academic and Industrial Perspectives," 2-3 July 2002, Aston University, Birmingham, UK

This was organised jointly by the chapter and our students, the IEEE EMB Student Society - UK&RI. More than forty delegates registered, with 25 Presentations given over the two days. Financial Support (of £150) from UK&RI section received and also sponsorship from industry. Funds were matched by contributions from EMBS Society. It has been agreed that the chapter will continue to support this yearly event.

A number of administrative and conference committee meetings took part throughout 2002.

Student Activities

A close relationship exists between the chapter and the student society which is going from strength to strength. As the EMB chapter is small and different ways of increasing membership are being sought, it is reasoned that keeping in touch with students in the field will raise awareness of the chapter and foster a good future membership base.

In the PG conference 1 best paper and 2 runner-up prizes are awarded, and the committee is further looking into the possibility of setting up a nationwide award for PG students in BME.

Other Chapter Business & Future Events

- The chapter will provide a major effort in 2003 (this is apart from organising meetings) to concentrate on methods for increasing chapter membership and interaction, including recruiting officers for the chapter. The chapter website will also be updated and revamped.
- Events for 2003 include:
- *2nd Postgraduate Conference on Biomedical Engineering and Medical Physics*, 15-16 July 2003, Aston University, Birmingham, UK
- Co-sponsorship of: *5th International Conference on Neural Networks and Expert Systems in Medicine and Healthcare NNESMED 2003* & *1st International Conference on Computational Intelligence in Medicine and Healthcare CIMED 2003*, 21-23 July 2003, Sheffield Hallam University, Sheffield, England
- Seminar series hosted in Birmingham (April-May) - *Advances in Biomechanics and Biosensors*
- Possible seminar series hosted in London (Early Autumn) - subject yet to be arranged, possibly: *Advances in Brain Signal Analysis*
- A number of co-sponsored events are in the pipeline.
- The chapter was involved in helping to put together a bid for the 2007 International IEEE EMBS Conference in Glasgow. The outcome of the bid is not yet available but the chapter will have a presence in the conference if it goes through.

Christopher James
Chapter Chairman 2002/2003

28th February 2003