

# The Joint Meeting of 5<sup>th</sup> International Conference on Bioelectromagnetism & 5<sup>th</sup> International Symposium on Noninvasive Functional Source Imaging within the Human Brain and Heart



May 12-15, 2005  
Minneapolis, MN, USA



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(Durham, USA)

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## CALL FOR PAPERS

### SCOPE

The Joint Meeting of 5<sup>th</sup> International Conference on Bioelectromagnetism and 5<sup>th</sup> International Symposium on Noninvasive Functional Source Imaging within the Human Brain and Heart (BEM&NFSI) will be held in Minneapolis, MN, USA, from May 12-15, 2005. The BEM&NFSI Joint Meeting is sponsored by the International Society of Bioelectromagnetism, the NFSI Group, and technically co-sponsored by the IEEE Engineering in Medicine and Biology Society. The Joint Meeting aims to provide a platform for scientific exchange of novel ideas on recent development in the field of bioelectromagnetism and functional source imaging. The emphasis will be on the methodological developments as related to bioelectromagnetism and functional source imaging, in the broadest sense. This is the fifth meeting for both conferences in this emerging field. The previous conferences were held at Montreal, Canada, in July 2002, and Chiatti, Italy, in September 2003.

### SCIENTIFIC PROGRAM

Leading experts will be invited to deliver state-of-the-art lectures reviewing the important topics in the field. Original contributions are invited in any of the following subject categories (but not limited to the following). All contributions will be reviewed by the Scientific Program Committee (see the conference website for details) to ensure the highest quality of the scientific program.

- Brain Electromagnetism and Mapping (EEG/MEG)
- EEG/MEG Source Localization
- Functional Neuroimaging and Multimodal Neuroimaging
- Cardiac Mapping and Source Localization
- Cardiac Electromagnetism and Mapping (ECG/MCG)
- Cardiac Source Imaging
- Bioelectromagnetic Forward and Inverse Problems
- Functional Electrical Stimulations
- Biomedical Impedance Imaging
- Electromagnetic Effects on Biological Systems
- Cellular Electromagnetism
- Modeling and Simulation in Bioelectromagnetism

### PUBLICATION

All accepted abstracts will be published in the Abstract Book. Accepted full papers will be published, after peer review process, in a special issue at International Journal of Bioelectromagnetism.

### PAPER SUBMISSION

Scientific papers of up to 4 pages should be submitted by *February 1, 2005* via the conference website. Notification of acceptance will be e-mailed out by March 1, 2005.

### VENUE

The Joint Meeting will be held in Coffman Memorial Union on the Minneapolis Campus of the University of Minnesota at Twin Cities, MN. Special discount rate of US\$85 has been established for single/double occupancy at Holiday Inn Minneapolis Metrodome. Reservation should be made by calling 800-448-3663 or 612-333-4646, by referring to the group BEM&NFSI.