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IEEE BIBE 2013 is co-organized by the Institute of Electrical and Electronics Engineers (IEEE), the IEEE Engineering in Medicine and Biology (EMB) Society, the Biological and Artificial Intelligence Foundation (BAIF), the IEEE EMBS Greece Chapter, the National Technical University of Athens, the University of Ioannina, the University of Patras, the Technical University of Crete and the Wright State University.

Papers covering a broad spectrum of themes are invited but not limited to the following topics:

BIOINFORMATICS

- Bio-molecular & Phylogenetic DBs
- Query Languages, Interoperability
- Protein Structure Prediction
- Identification and Classification of Genes
- Sequence Search and Alignment
- Systems Biology
- Molecular Evolution and Phylogeny
- Functional Genomics, Proteomics
- Drug Discovery
- Gene Expression Analysis
- Bioinformatics Engineering
- Data Visualization
- Algorithms, Modeling and Simulation of Bio-Sets
- Bio-Ontology and Data Mining
- Biomarkers of Toxicity
- Signalling and Computation
- Bio-Imaging
- Molecular Simulation

BIOENGINEERING

- Biological Systems and Models
- Engineering Models in Bio-Medicine
- Biomedical Image Processing, Analysis and Visualization
- Medical Robotics, Surgical Planning and Biomechanics
- Molecular and Cellular Systems
- Clinical Engineering
- Nano-Medicine
- Nano-Bio-Computing
- Cell Engineering
- Intelligent Therapeutic & Diagnostic Systems
- Tissue Engineering
- Neuro-Engineering, Neuromuscular Systems and Rehabilitation Engineering
- Cardiovascular and Respiratory Systems Engineering
- Biomedical Signal Processing
- Computer Assisted Intervention Systems
- Biomedical Data Engineering
- Biomaterials
- Biomedical Engineering Education

Important Dates:

Paper submission deadline: 1 July
Notification of acceptance: 2 September
Early registration: 16 September
Late registration: 5 October
Final program available: 9 October

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