

FIRST CALL FOR PAPERS
5th International Symposium on Health Informatics and Bioinformatics
HIBIT'10
Lara, Antalya, Turkey
April 20-22, 2010

PURPOSE

The **International Symposium on Health Informatics and Bioinformatics, (HIBIT)**, now in its fifth year (HIBIT'10), aims to bring together academicians, researchers and practitioners who work in these popular and fulfilling areas and to create the much-needed synergy among medical, biological and information technology sectors. HIBIT is one of the few international conferences on this subject in the world; therefore international participation from all around the world is anticipated. HIBIT provides a forum for discussion, exploration and development of both theoretical and practical aspects of health informatics and bioinformatics and a chance to network with others working and researching in this area.

SCOPE

The topics of the conference include but are not limited to:

Health Informatics

- Electronic Health Records and Standards
- Evaluation Methods in Health Informatics
- Clinical Informatics and Hospital Information Systems
- Telemedicine and Mobile Applications
- Decision Support Systems and Computer Aided Diagnosis
- Health Informatics (HI) Education
- Security, Ethics and Privacy
- Data Mining and Knowledge Discovery in HI
- Medical Signal/Image Analysis and Visualization
- Medical Imaging and Instrumentation
- Virtual Reality and Simulation
- Medical Transaction Provision Systems

Bioinformatics

- Biomolecular Sequence Analysis
- Comparative Genomics
- Biomedical Genome Research
- Microarray Informatics
- Protein Expression and Modifications
- Protein Interactions
- Protein Structure Prediction
- Biomedical Proteome Research
- Genetic Networks
- Systems Biology
- Text Mining and Information Extraction
- Evolution and Phylogeny
- Structural Bioinformatics
- Biologically Inspired Control Systems
- Computational Neuroscience

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PROGRAM

Day 1 (April 20): Workshops on Bioinformatics and Medical Informatics

BI Subject: "Bioinformatics Applications"

MIN Subject: "Essential topics in Medical Informatics"

Day 2 (April 21-22): Conference will start

PAPER and POSTER SELECTION

Papers will be selected on the basis of originality, significance and clarity. Length of submitted full papers is limited to 8 pages. (Formatting information can be found on the website: <http://hibit2010.ii.metu.edu.tr>). Submissions can be made electronically as PDF Files. Accepted full papers will be published in IEEE-Xplorer.

Posters reporting recent research are also sought. The proceedings CD that will include full papers and poster abstracts will be available during the conference.

KEYNOTE SPEECHES

A number of keynote speeches will be given by distinguished speakers.

TUTORIALS and LECTURES

A number of tutorials and lectures will be given by distinguished speakers.

IMPORTANT DATES

Submission of Full Papers: January 14th 2010

Notification of Acceptance: February 1st 2010

Submission of Posters: February 3rd 2010

Camera-Ready Papers: February 19th 2010

Notification of Acceptance of Posters: February 10th 2010

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