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

CONTACT

METU Informatics Institute, Inönü Bulvarı, 06531, Ankara, Turkey.
Phone: +90 (312) 210 3742, Fax:+90 (312) 210 3745, E-mail: hibit@ii.metu.edu.tr
http://hibit2010.ii.metu.edu.tr