

The 5th International Conference on Bioinformatics and Biomedical Engineering (iCBBE 2011)

第五届IEEE生物信息与生物医学工程国际学术会议征文

May 10-12, 2011 Wuhan, China

<http://www.icbbe.org/2011/>

The 5th International Conference on Bioinformatics and Biomedical Engineering (iCBBE 2011) will be held from May 10th to 12th, 2011 in Wuhan, China. iCBBE 2011 will bring together top researchers from Asian Pacific areas, North America, Europe and around the world to exchange research results and address open issues in all aspects of bioinformatics and biomedical engineering. *As we did in the past four years, all accepted papers in iCBBE2011 will be indexed by Ei Compendex and ISTP.*

Topics

Bioinformatics and Computational Biology

- ◆ Protein structure, function and sequence analysis
- ◆ Protein interactions, docking and function
- ◆ Computational proteomics
- ◆ DNA and RNA structure, function and sequence analysis
- ◆ Gene regulation, expression, identification and network
- ◆ Structural, functional and comparative genomics
- ◆ Computer aided drug design
- ◆ Data acquisition, analysis and visualization
- ◆ Algorithms, software, and tools in bioinformatics
- ◆ Any novel approaches to bioinformatics problems

Biomedical Engineering

- ◆ Biomedical imaging, image processing & visualization
- ◆ Bioelectrical and neural engineering
- ◆ Biomechanics and bio-transport
- ◆ Methods and biology effects of NMR/CT/ECG technology
- ◆ Biomedical devices, sensors and artificial organs
- ◆ Biochemical, cellular, molecular and tissue engineering
- ◆ Biomedical robotics and mechanics
- ◆ Rehabilitation engineering and clinical engineering
- ◆ Health monitoring systems and wearable system
- ◆ Bio-signal processing and analysis
- ◆ Biometric and bio-measurement
- ◆ Biomaterial and biomedical optics
- ◆ Other topics related to biomedical engineering

Important Dates

- ◆ Papers Submission Due: **Dec. 16, 2010**
- ◆ Acceptance Notification: **Dec. 20, 2010**
- ◆ Conference: **May 10-12, 2011**

Special Sessions

- Biomedical imaging
- Biostatistics and biometry
- The information technology in bioinformatics
- Environmental pollution & public health

Contact Information

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