

Call For Papers

**IEEE****iCBBE**

The 3rd International Conference on Bioinformatics and Biomedical Engineering (iCBBE 2009)

June 11-13, 2009 Beijing, China

The 3rd International Conference on Bioinformatics and Biomedical Engineering (iCBBE 2009) will be held from June 11th to 13th, 2009 in Beijing, China. iCBBE 2009 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 iCBBE 2008 and 2007, all accepted papers in iCBBE 2009 will be published by IEEE and indexed by EI Compendex.**

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
- ◆ Gene engineering and protein engineering
- ◆ Computational evolutionary biology
- ◆ Drug design and computer aided diagnosis
- ◆ Data acquisition, normalization, analysis and visualization
- ◆ Algorithms, models, software, and tools in Bioinformatics
- ◆ Any novel approaches to bioinformatics problems

Biomedical Engineering

- ◆ Biomedical imaging, image processing & visualization
- ◆ Bioelectrical and neural engineering
- ◆ Biomaterials and biomedical optics
- ◆ 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
- ◆ Other topics related to biomedical engineering

Conference Organizing Committee

- Dr. K. C. Chou (Gordon Life Science Institute, USA), Chair
- Dr. W. Kainz (Food and Drug Administration, USA)
- Dr. J. Chen (University of Houston, USA)
- Dr. F. C. He (Chinese Academy of Science, China)
- Dr. H. B. Zhou (Wuhan University, China)
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- Dr. J. Zhang (University of Kentucky, USA)

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- IEEE Eng. in Medicine and Biology Society, USA
- Gordon Life Science Institute, USA
- Fudan University, China
- Beijing Institute of Technology, China
- Wuhan University, China
- University of Iowa, USA
- Food and Drug Administration, USA
- Journal of Biomedical Science and Engineering

Important Dates

- ◆ Papers Due: Nov. 30, 2008
- ◆ Acceptance Notification: Feb. 10, 2009
- ◆ Conference: June 11-13, 2009

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