



INTERNATIONAL CONFERENCE ON BIOMEDICAL ENGINEERING



Dept. of Biomedical Engg.,
Manipal Institute of Technology, Manipal, India



December 10–12, 2011

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CALL FOR PAPERS

The human body is an engineering marvel endowed with *life*. Biomedical Engineering involves applications of engineering to assist doctors in healthcare and scientists in life-science-studies, towards enriching our knowledge and serving humanity. There is a long way to go towards unraveling the mysteries associated with the human body & life. We invite submission of original work describing technological advances and research results in this fascinating & multidisciplinary field, to ICBME 2011 – organized by the MIT, Manipal and the Biomedical Engineering Society of India (BMESI) – at MIT, Manipal University, located in the small University Town of Manipal, Udupi district, within the picturesque coastal Karnataka, India.

The topics of interest include, but not limited to:

1. Medical Imaging
2. Medical Image Processing
3. Image guidance during intervention
4. Physiological Signal Acquisition & Processing
5. Medical Instrumentation & Devices
6. Telemedicine
7. Bio-sensors
8. Biomechanics & Biodynamics
9. Biomaterials and artificial organs
10. Engineering-Applications in Life Sciences
11. Medical Applications of Nanotechnology
12. Kinesiology & Sports Medicine
13. Healthcare (including Medical & Clinical) Informatics
14. Haptics in Biomedical Engineering
15. Biometrics

o **Submission of manuscripts (full paper)**, IEEE Style, 4–6 pages

o Electronic submission-portal: *Under Construction*

o **Important Dates:** Manuscript-submission: June 4, 2011
Communication of Decision: Sep. 2, 2011
Submission of final manuscript: Sep. 24, 2011

o **Pre-conference Tutorial: 8–9 Dec., 2011**

- o Topic: To be announced.
- o Application for the Tutorial: Sep. 10, 2011
- o Communication of Acceptance: Oct. 10, 2011

o **Registration:** To be announced

o **Selected Papers will be considered for publication in:**

- o *Int. J. Comput. Intell. Healthcare Informatics*
- o *Int. J. Biomed. Engg. & Consumer Health*
- o *Int. J. Medical Engg. & Informatics*
- o *J. Medical Imaging and Health Informatics*
- o *J. Biomed. Engg. Society of India*
- o *J. Bionanoscience*

o **Updates:** [http://www.manipal.edu/Institutions/Engineering/ MIT/Pages/index.html](http://www.manipal.edu/Institutions/Engineering/MIT/Pages/index.html)

