



The Fifth IASTED International Conference on Biomedical Engineering

~ BioMED 2007 ~

February 14–16, 2007
Innsbruck, Austria

SPONSORS

The International Association of Science and Technology for Development (IASTED)
• Technical Committee on Biomedical Engineering

World Modelling and Simulation Forum (WMSF)

CONFERENCE CHAIR

J.W. Gardner – University of Warwick, UK

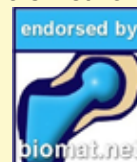
KEYNOTE SPEAKER

*“Chemosensors, Biosensors, and Microsystems based on
Standard Semiconductor Technology”*

A. Hierlemann – Swiss Federal Institute of Technology
Zurich, Switzerland

COLLABORATING SOCIETY

Biomaterials Network



PURPOSE

Medicine began with intuition, imagination, observation, and experience, gradually evolving into a science over the centuries. In recent years, with the aid of engineering and information technology, biomedical engineering has emerged as a high-tech field generating innovation in such areas as medical imaging, bioinformatics, MEMS and nanotechnology, new biomaterials and sensors, medical robotics, and neurobiology. Scientists and engineers in this field have recently been working towards such advances as developing artificial organs that mimic natural human organs, conducting telemedicine and performing surgeries with robots, creating a laboratory-on-a-chip, and controlling robots through natural animal brain matter.

BioMED 2007 is intended to be an international forum for researchers and practitioners to exchange the latest research, results, and ideas in biomedical engineering. All papers submitted to this conference will be peer evaluated by at least two reviewers. Acceptance will be based primarily on originality and contribution.

LOCATION

Innsbruck, with its unique blend of historical, intellectual, and recreational pursuits, offers something for every visitor. BioMED 2007 will be held at the world-famous Congress Innsbruck, located in the heart of the city near the historical quarter. This facility won the prestigious 'Best Conference Center in Europe Award' in 2000.

SCOPE

The topics to be covered include but are not limited to:

- Medical Imaging, Image Processing, and Signal Processing
- Medical Devices, Measurement, and Instrumentation
- Modelling, Simulation, Systems, and Control
- Health Care Technology
- Molecular Bioengineering

The complete scope is available at:

www.iasted.org/conferences/cfp-555.html

INTERNATIONAL PROGRAM COMMITTEE

Available on the web site at: www.iasted.org/conferences/cfp-555.html

SUBMISSION INFORMATION

Available on the web site at:

www.iasted.org/conferences/cfp-555.html

IMPORTANT DEADLINES

Submissions Due

November 1, 2006

Notification of Acceptance

November 22, 2006

Final Manuscripts Due

December 1, 2006

Registration and Full Payment Due

December 8, 2006

For more information, or to be placed on
our mailing list, please contact:

IASTED Secretariat – BioMED 2007

Tel: 403-288-1195 Fax: 403-247-6851

E-mail: calgary@iasted.org

www.iasted.org

