



- 1) **LFTY:n nettisivut uudistuneet**
- 2) **"Biomedical Applications of Smart Materials, Nanotechnology and Micro/Nano Engineering" Symposium**
- 3) **BMIC '08 conference, 29.6-2.7.2008, Orlando, Florida, USA**
- 4) **BMEI 2008 conference, 28-30.5.2008, Sanya, Hainan, China**
- 5) **MIE 2008 conference, 25-28.5.2008, Göteborg, Sweden**
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- 8) **BODYNETS 2008 conference, 13-17.3.2008, Tempe, Arizona, USA**

### 1) **LFTY:n nettisivut uudistuneet**

LFTY:n nettisivut on päivitetty. Kaikenlainen rakentava kritiikki sivujen suhteen on tervetullutta (kommentteja voi kirjoitella LFTY:n sihteerille, [secretary@lfty.fi](mailto:secretary@lfty.fi)). Lisäksi sivuston ajan tasalla pysymiseksi muistutan, että kaikki LFTY:n jäsenet voivat osallistua tähän omalta osaltaan informoimalla sihteerää esim. oman organisaation tapahtumista, väitöksistä yms. Uusiin sivuihin voi käydä tutustumassa osoitteessa <http://www.lfty.fi>

### 2) **"Biomedical Applications of Smart Materials, Nanotechnology and Micro/Nano Engineering" Symposium**

Scope of this symposium, part of CIMTEC 2008 3rd International Conference on Smart Materials, Structures and Systems to take place in Acireale, Sicily, Italy, June 8-13, 2008, is to provide a synergetic approach covering applied chemistry and physics, materials science, electronics, biochemistry and medicine to enlighten how the deeper insight into biological events and its interplay with nanotechnology may support the development of a new generation of smart materials, micro-nano-devices and molecular level approaches suited to solve relevant biomedical problems. Specific areas of interest include new or creatively engineered materials, multi-scale cell engineering for functional tissues and drug and gene delivery systems, new materials and systems for medical diagnostics, implants and prostheses, and systemic interaction in the body environment including biocompatibility and biofunctionality issues.

Abstract deadline: October 15, 2007  
<http://www.cimtec-congress.org/2008/>

### 3) **BMIC '08 conference, 29.6-2.7.2008, Orlando, Florida, USA**

The 2nd International Symposium on Bio- and Medical Informatics and Cybernetics (BMIC '08) will take place in Orlando, Florida, USA, on June 29th to July 2nd, 2008.

**Paper deadline: October 24th, 2007**

Acceptance: November 28th, 2007

Camera-ready: February 14th, 2008

<http://sciiis.org/BMIC2008>



#### 4) BMEI 2008 conference, 28-30.5.2008, Sanya, Hainan, China

2008 International Conference on BioMedical Engineering and Informatics (BMEI 2008) will take place in Sanya, Hainan, China on 28 - 30 May 2008. BioMedical engineering and informatics are two important and complementary disciplines that hold great promise for the advancement of biological, medical, pharmaceutical, and environmental research and development. Bridging these two disciplines enables us to improve our understanding of living organisms and develop innovative techniques towards personalized and predictive healthcare, such as real-time monitoring of health and detection, prevention and optimal treatment of complex diseases. The purpose of the BMEI 2008 is to bring together world-wide researchers and scientists from these two disciplines to present and discuss state-of-the-art of engineering and informatics for biomedicine, and to foster international collaborations.

**Submission Deadline: 10 November 2007**

<http://www.hainu.edu.cn/BMEI2008>

#### 5) MIE 2008 conference, 25-28.5.2008, Göteborg, Sweden

Medical Informatics in Europe 2008 (MIE 2008) will take place at Svenska Mässan in Göteborg, Sweden on 25-28 May 2008. The conference theme is "eHealth beyond the horizon – get IT there". MIE 2008 is intended to provide an international forum for:

Presenting theoretical and empirical methods and studies of information technology in healthcare and related areas, particularly with offset in the conference theme, but not restricted to it.

Bringing new ideas: discussing the importance and role of the above methods and studies before, during and after implementation, particularly in the healthcare field.

Welcoming newcomers and supporting their efforts in acquiring competence in Medical Informatics and supporting their networking within the scientific community.

**Deadline: 5 November** (Full Papers and Posters / Computer Supported Posters)

Deadline: 18 November (Demonstrations, Comparative Demonstrations, Panels, Doctoral Consortium, Tutorials and Workshops)

<http://www.mie2008.org>

#### 6) Esa Walliuksen väittelee TTY:n signaalinkäsittelyn laitokselta pe 12.10

VTM Esa Walliuksen väitöskirja "Increasing Statistical Power in Brain PET Studies by Image Analysis Methods: Applications for Drug Development" tarkastetaan julkisesti perjantaina 12.10.2007 klo 12.00 alkaen Tietotalon salissa TB109. Vastaväittäjinä toimivat prof. Lauri Tarkkonen (Helsingin yliopisto/Matematiikan ja tilastotieteen laitos) sekä Dr. Zsolt Cselényi (AstraZeneca, Ruotsi). Tilaisuutta valvoo prof. Ulla Ruotsalainen Signaalinkäsittelyn laitokselta.

[http://www.tut.fi/index.cfm?MainSel=1&Sel=1227&Show=76&siteid=0&view=user\\_detail&ID=48230&Event=48230](http://www.tut.fi/index.cfm?MainSel=1&Sel=1227&Show=76&siteid=0&view=user_detail&ID=48230&Event=48230)

#### 7) Biomechanics Laboratory Supervisor position in Vienna

The Institute of Lightweight Design and Structural Biomechanics of the Vienna University of Technology in Austria (<http://www.ilsb.tuwien.ac.at>) seeks a highly motivated Biomechanics Laboratory Supervisor. A biomedical engineer with strong experimental and communication skills is looked for to supervise our laboratory for micro- and nanomechanics of biological and biomimetic materials. The candidate will be responsible for the equipment as well as the organisation of the laboratory. She/he will support both teaching and research activities in biomechanics. In the latter context, she/he will also participate to a number of experimental projects in cooperation with medical institutions and biomedical companies.



The candidate must hold a Master's Degree or an equivalent European Engineering Diploma in biomedical engineering, mechanical engineering, physics engineering, material science or a closely related field. Knowledge of the German language and European Union citizenship are useful, but NOT mandatory. Salary range is €28'294- €47'390 depending on experience and qualifications and this full time position comes with comprehensive benefits, including medical insurance and retirement. The Vienna University of Technology aims to increase the proportion of women in its scientific personnel and explicitly encourages qualified women to apply for this position.

Please send your application, including a letter of motivation and complete CV **before October 10th 2007** to:

Personalabteilung für das allgemeine Personal  
Technischen Universität Wien  
Karlsplatz 13  
A-1040 Wien  
Austria

For questions regarding the position please contact:

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<http://www.ilsb.tuwien.ac.at>

## 8) BODYNETS 2008 conference, 13-17.3.2008, Tempe, Arizona, USA

3rd International Conference on Body Area Networks BODYNETS 2008) will take place in Tempe, Arizona, USA on March 13-17, 2008. Recent advances in the field of wireless sensor networks have moved them beyond their traditional areas of application in monitoring of remote and mobile environments. Sensor networks are increasingly being deployed within and at the surface of the human body to form Body Area Networks (BodyNets). BodyNets allow for unidirectional (monitoring) and even bidirectional (effector) interactions. They can be utilized in diverse applications such as physiological monitoring, human computer interactions, education and entertainment through interactive games. This conference will explore and explain the scope and challenges of designing, building, and deploying BodyNets. In this regard, the conference aims to establish a forum to bring together research professionals from diverse fields including computer science, biomedical engineering and medicine in both academia and industry to address the technical, social, systems and application issues related to BodyNets.

**Paper registration: Oct 22, 2007**  
**Paper submission deadline: Oct 29, 2007 (firm)**  
<http://www.bodynets.org/>