

# BIOMEDICAL ENGINEERING

16<sup>th</sup> International  
Conference

Kaunas University of Technology  
October 25-26, 2012

Conference “Biomedical Engineering” invites all researchers, physicians, engineers, and students, who work at hospitals, companies, research institutions and universities, on creation, and use application of medical devices, provide scientific research in multidisciplinary field of biomedical engineering.

The Conference is organized and supported by:



Kaunas University of Technology (KTU)



Biomedical Engineering Institute at  
KTU

**LBID**

Lithuanian Society of Biomedical Engineering

## Organizing Committee:

*Chairpersons:*

Kaunas University of Technology,  
Lithuania  
Kaunas University of Medicine, Lithuania

*Members:*

Šiauliai University, Lithuania  
Riga Technical University, Latvia  
Riga Technical University, Latvia  
Polish Academy of Sciences, Poland  
Lund University, Sweden  
Tallin University of Technology, Estonia  
Linköping University, Sweden  
Tampere University of Technology  
Finland  
Kaunas University of Technology,  
Lithuania

**T. Kujawska,**

**K. Meigas,**

**G. Salerud,**

**J. Malmivuo**

*Executive secretary:*

Kaunas University of Technology,  
Lithuania  
Kaunas University of Technology,  
Lithuania

## Main topics:

technological support of health care;  
physiological modeling and measurements;  
biosensors and transducers;  
methods and devices for diagnostics and  
therapy;  
stationary and wireless systems for

- screening and monitoring;
- acquisition and processing of biosignals and images;
- medical visualization;
- hemodynamics and tissue characterization;
- medical informatics and bioinformatics;
- e-Health and telemedicine;
- clinical decision support systems;
- nanobiotechnologies;
- medical ultrasound technologies;
- biomechanics and rehabilitation technologies;
- clinical engineering.

## Important dates and deadlines:

September 09, 2012 – registration, submission of papers  
**A. Lukoševičius,**  
October 01, 2012 – acceptance notification;  
**A. Kriskūnaitė,**  
October 12, 2012 – announcement of the Conference  
programme;  
October 25-26, 2012 – Conference sessions

**V. Laurutis,**

**X. Delys,**

**R. Glaz,**  
Registration fee – 75 €. Participants from CEE countries and  
students can apply for discounts. Registration fee should be  
paid in Kaunas.  
Official language: English.

## Review process

All submitted papers will be under peer review.

**A. Kopustinskas,**

## Registration

Please fill registration form provided on the web page:  
**D. Jęgelevičius,**  
[www.bmi.ktu.lt](http://www.bmi.ktu.lt) (see *Conference/Online registration*).

**J. Kilinskaitė,**

## Proceedings of the Conference

Conference papers will be published in a separate issue of  
proceedings and abstracts will be presented on the internet.  
Please send the title of the paper, the paper (not more  
than 4 pages) and abstract (about 600  
symbols) by e-mail (konf.bi@cr.ktu.lt). If  
presented material has been sent by e-mail  
and decoded without any problems, the  
confirmation will be sent back to you. If the  
confirmation will not follow, please contact us  
by e-mail or phone.

Please, visit conference web page for conference proceedings  
template.

## Contacts and information

[www.bmi.ktu.lt](http://www.bmi.ktu.lt) (see *Conference*)

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