



15. Nordic-Baltic Conference on
Biomedical Engineering and Medical Physics



SECOND CALL FOR PAPERS

AALBORG, DENMARK, JUNE 14 - 17 2011

www.nbc15.dk

INVITATION

Dear colleagues and friends,

It is our great pleasure to invite you to participate in the 15. Nordic – Baltic Conference on Biomedical Engineering and Medical Physics – NBC15.

The Conference is held every third year in one of the Nordic – Baltic countries under the auspices of IFMBE - the International Federation for Medical and Biological Engineering – in 2002 the conference was held in Reykjavik, Iceland, in 2005 in Umeå, Sweden, in 2008 in Riga, Latvia and this year NBC15 will take place on June 14-17 2011 in Aalborg, Denmark. The Conference will bring together science, education and business under the motto “Cooperation for health”.

Conference papers will be published in the indexed IFMBE processing series. We are sure you will enjoy NBC2011 both scientifically and socially, and we will do our best to make NBC15 an outstanding event.

We are looking forward to welcome you in Aalborg!

NBC15 Organizing Committee

KEYNOTE SPEAKERS

Challenges to the Medical and Biological Engineering Profession Herbert Voigt, Professor, Associate Research Professor, Otolaryngology, School of Medicine, Boston, USA (President of IFMBE)

Molecular imaging and radioisotope therapy Poul Flemming Hoejlund-Carlsen, Professor, Head of department of Clinical Physiology and Nuclear Medicine, Odense University Hospital, University of Southern Denmark, Denmark

Biomechanics James GOH, Professor, Head, Division of Bioengineering, Faculty of Engineering, National University of Singapore

Neural Engineering Metin Akay, Professor, PhD, Neural Engineering and Informatics Lab, Houston University, USA

Virtual Instrumentation and use of computers in biomedical technology John Hanks, (National Instruments), VP for Medical/Life Science segment, Austin, Texas, USA

Cardiac dynamics Hans Nygaard, Professor, Dr. Med, Aarhus University Hospital, Skejby & Michael Hasenkam, Professor, Dr. Med, Aarhus University Hospital, Skejby, Aarhus, Denmark

New MR-Technologies Hans Støedkilde-Joergensen, Assoc. Professor, Dr. Med, the MR research Center, Aarhus University Hospital, Skejby, Denmark

Big Medicine

Lise Lotte Hoejgaard Professor, Head of department of Clinical Physiology and Nuclear Medicine and PET, Rigshospitalet, Copenhagen University, Denmark

Personalized Biomedical Engineering Per Ask, PhD, Professor of Biomedical Engineering, Linköping University, Sweden

CALL FOR PAPERS

The Scientific Committee of NBC15 welcomes papers within the mentioned topics.

The papers will be subject to peer review and they must be received before the deadline of February 15, 2011. Papers will be published in electronic form as a publication of the NBC15 Proceedings which will be available to registrants of the conference.

The proceedings will be published within the peer reviewed Springer Verlag IFBME Proceedings Series. Each contribution must be prepared in English and according to the IFBME Proceedings Series format.

Manuscripts should be up to four (4) pages long and should be submitted electronically before the paper submission deadline using the paper submission link. All submissions will be peer-reviewed by at least two reviewers. Authors must accept the copyright conditions which will be given below. All accepted papers will be included in the conference proceedings, provided that at least one author registers to the conference.

Authors may submit papers to be presented either as an oral presentation or a poster presentation.

Online submission of papers

For submission of papers please follow instructions on the webpage:

<http://www.dmts.dk/nbc15/2submission.htm>

TOPICS INCLUDE

Assistive Technology

Biomechanics

Biomedical Imaging Processing

Biomedical Instrumentation & Measurement

Biomedical Signal Processing

Cardiovascular Engineering

Computer Aided Surgery

Education and Training for Biomedical

Engineering and Medical Physics

Expert Systems in Medicine

Generalized BME-track

Health Technology Assessment

Motor control analysis

Medical Imaging

Medical Informatics

Medical Physics

MR in Medicine

Nanotechnologies for Health

Neural Engineering

Pain research technology

Sports and Rehabilitation engineering

Telemedicine, Home Care Technologies

Tissue Engineering and regenerative
medicine

Ultrasound in Medicine

Virtual Reality in Medicine

Health Technology Assessment

PLEASE REMEMBER AS WELL

The IFBME Young Investigator Competition to recognize excellence in conference contributions whose primary authors are young investigators; based on originality, clarity, and potential impact on practical applications or theoretical foundations

TIMELINE

NBC15 will take place on June 14-17, 2011 in Aalborg, Denmark

December 6, 2010	Opening of registration
February 15, 2011	Deadline for paper submission
March 1, 2011	Notification of paper acceptance
March 15, 2011	Deadline for early registration
June 1, 2011	Deadline for registration

The Conference will bring together science, education and business under the motto "Cooperation for health".

Conference papers will be published in the IFBME Proceedings Series.

This is deliberate in Danish language

29. Danske Medicotekniske Landsmøde 15.-17. juni 2011

Alle med interesse for medicinsk teknologi inviteres til Danmarks største medico event: uddannelse, hospitalsteknik, forskning, industriudstilling, indbudte foredragsholdere. For tilmelding og program: www.dmts.dk/kongres/

EXHIBITION

There will be a biomedical equipment industry exhibition in conjunction with the parallel conferences for the 15. Nordic / Baltic Conference on Biomedical Engineering and Medical Physics and the 29. Yearly Danish Biomedical Engineering Summit, 2011.

WINDOWS OF OPPORTUNITY 2011

On June 16, 2011 BioMed Community will host a presentation of promising projects and ideas from Danish and international medtech companies, Aalborg University and the University Hospital of Aalborg. 20-25 projects will have the opportunity to present during the BioMed Community event and additional projects will present via posters. <http://biomedcom.dk/windows-of-opportunity-2011>



Partners



Organizing Committee
of the yearly
Danish Biomedical
Engineering Summit



IFMBE
- International Federation
of Medical and Biological
Engineering



AALBORG UNIVERSITET

Aalborg University



Danish Society for
Biomedical Engineering

Sponsors



Official Language

The official language is English

General information

Conference website: www.NBC15.dk

Conference venue: Aalborg Congress & Culture Centre, Europa Plads 4, DK-9000 Aalborg

Contact address: DMTS, Secretary Per Overgaard Rasmussen, Vester Soegade 68 st. th., DK 1601 Copenhagen V

Detailed information on paper submission, scientific program, registration, accommodation, and travel will be available on the conference website: www.NBC15.dk