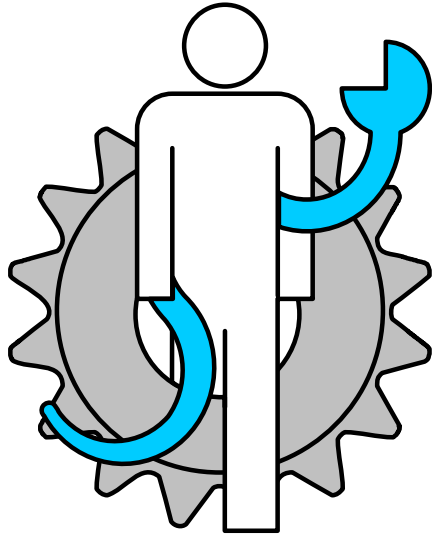


Call for Abstracts



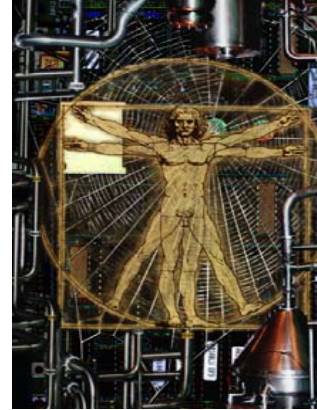
First Dutch Conference on **Bio-Medical Engineering** (Dutch BME)

18-19 January 2007

Hotel Zuiderduin
Egmond aan Zee, The Netherlands

Goal

With this meeting we want to provide a platform for fellow researchers in the broad field of BioMedical Engineering, to exchange the latest research results and to find inspiration and new contacts for future research. The conference is particularly aimed at Bio-Medical researchers working in the Netherlands, although researchers from abroad are welcome as well.



Organization

The organization is a joint enterprise of key organizations in the field of Biomedical Engineering:

- Dutch Society for Medical Physics (Nederlandse Vereniging voor Klinische Fysica, NVKF)
- KIVI-NIRIA, Division of Biomedical Technology
- IEEE-EMBS, Benelux chapter
- Dutch Society for Biophysics and Biomedical Engineering (Vereniging voor Biofysica en Biomedische technologie VvB-BMT)
- Graduate School Integrated BioMedical Engineering for restoration of human functions (iBME)
- Graduate School Institute for Fundamental and Clinical Human Movement Sciences (IFKB)
- Institute of Biomedical Engineering Sciences & Technology / Eindhoven (BEST/e)
- TU Delft, U Twente, TU Eindhoven, RU Groningen, Radboud University Nijmegen, ErasmusMC.

Themes

Important themes of the conference can be found in the application areas related to the biomedical domain and the engineering approach, e.g. design, modeling and measurement techniques.



Application areas

Rehabilitation engineering, surgical techniques, radiotherapy, clinical neurophysiology, clinical chemistry, medical diagnostics and interventions



Engineering design

Medical instruments, man-machine interfacing, biomaterials, im-plants, tissue engineering, biosensors.

Modeling

Finite Element models, musculoskeletal models, biomedical signal processing, biological neural networks, biomedical image processing.

Measurement techniques

Electrophysiology, imaging technology, movement sensing, neural stimulation, molecular imaging, biosensors.



Abstracts

There will be oral and poster presentations, and plenary lectures by internationally outstanding researchers. There will be a Young Investigator's Award and a poster award. Abstracts of maximal 1 page can be submitted through the website www.bme2007.nl before October 15, 2006.

Important dates

- October 15, 2006: Deadline for abstract submission.
- November 15, 2006: Notification of acceptance.
- December 1, 2006: Early registration deadline.
- January 1, 2006: Late registration deadline (hotel cannot be guaranteed).

Venue

The conference will be held at the Zuiderduin Hotel, Egmond aan Zee, The Netherlands.

For more information, see:
<http://www.zuiderduin.nl/>



Preliminary Program

- 18 January: Scientific lectures and poster presentations. Evening: Research Market.
- 19 January: Scientific lectures and award presentations

More than 300 participants can be accommodated in Hotel Zuiderduin. In the evening of 18th January, biomedical research groups and biomedical industries will have the opportunity to present their research lines and products in a 'Research Market', using posters and streaming powerpoint presentations, during a Beer-and-Wine evening.



Early Registration fee

300 Euro for the conference fee, which includes one night accommodation, breakfast, lunches and diner. Additional night accommodation before the conference: 25 Euro

Website

Additional information is available on the conference website:
<http://www.bme2007.nl>

Organization Board

- Frans van der Helm
- Christiaan van Swol
- Dick Stegeman
- Peter Veltink
- Jenny Dankelman
- Wiro Niessen
- Frans van de Vosse
- Wilbert Pontenagel
- Bart Verkerke
- Piet Dijkstra

