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Medizinische Hochschule
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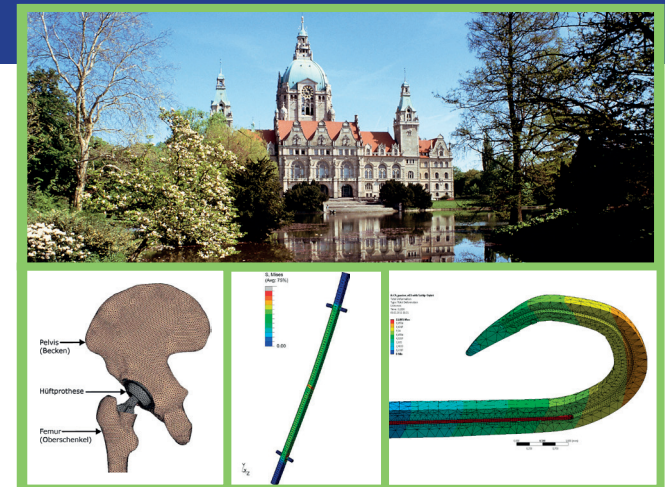
Leibniz
Universität
Hannover



2nd International Conference on Biomedical Technology

Hannover

28th – 30th October 2015



Introduction

The second ECCOMAS thematic conference on Biomedical Engineering will be held from 28th to 30th of October 2015 in Hannover.

Current challenges in medicine and engineering are related to the application of computational methods to clinical medicine and the study of biological systems at different scales. Based on the tremendous advances in medical imaging and high-performance computing, engineering is able to help in medical decision processes or implant designs. Thus, the complex development of innovative degradable and non-degradable implants can only be addressed by a multidisciplinary approach of physicians, natural scientists, and engineers from a wide range of specialisation.

This conference will bring together scientists from different areas of medicine, engineering and natural sciences. It will focus on function, production, initialization and complications of different types or implants and related topics.

Scientific Programme

The scope of the conference is

- degradable and non-degradable implants
- synthetic and biological hybrid implants
- implant design
- tissue-implant interfaces
- fatigue and fracture of bone implants
- implant related infections
- models of tissues
- models of biological systems

Submission of Contributions

Prospective Speakers are invited to submit contributions as described above.

Acceptance / rejection letters for the two-page abstracts will be sent according to the schedule.

Scheduling of a contribution for oral presentation at the conference is conditional upon the acceptance of the two-page abstract and the payment of the presenting author's registration fee for the Conference during the advance period.

After the conference, selected authors will be invited to submit a full paper, for inclusion in a special issue of an international journal or in another publication of international relevance.

We offer a platform for a minisymposium. Feel free to contact us, in case you would like to host a minisymposium on this conference.

Fees

The conference is one of the Thematic Conferences of the European Community on Computational Methods in Applied Sciences (ECCOMAS).

	Early bird offer until 1 st September:	
Conference fee	490 Euro	590 Euro
Conference fee for students	300 Euro	350 Euro

ECCOMAS members will have a 5 % reduction on the conference fees.

Registration fees include: Conference proceedings, attendance at all scientific sessions, coffee breaks, lunch, reception and banquet.

Instructions for Authors

The submission of abstracts and final contributions, as well as the conference registration should be performed electronically. The first step is the submission of a two-page abstract describing the main features of the work before 3rd of July 2015. Once registered, in order to modify the information or add/modify the files of the abstracts, it is necessary to log in, in order to avoid double registrations. Authors are asked to send their abstracts as pdf file. Other formats are not accepted by the system.

Please note that scheduling of contributions for oral presentation is conditional upon the acceptance of the two-page abstract in the format suitable for publication and the payment of the corresponding author's conference registration fee during the advance period. The corresponding author should be the presenting author whenever possible. Only one presentation per registration is allowed.

Feel free to contact the Conference Secretariat for any further information.

