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For more information scan this QR-Code with your smartphone:
Modern medicine, engineering and information technology have one fact in common: They all rely on materials interfaces that provide additional functionalities. This holds not only for ceramic hip joints but equally well for biochemical sensors in bioreactors or nano-electronic processors - just to name a few examples. However, each scientific discipline has its own sight on these interfaces, emphasizes one property more than others and, not last, its own scientific language and theoretical models. For young scientists who are working in these interdisciplinary, overlapping fields such as active prostheses, biochemical sensors or brain-computer interfaces this “Babylonic language confusion” is an extra burden to overcome.

The EnFI conference series has exactly this point in mind. EnFI serves with an exchange of perspectives where young researchers present their work in short oral presentations in the fields of sensors, medical implants, biocatalysis as well as technology and surface analytics. This way, they become familiar with a broad range of concepts, experimental methodologies and theoretical models. As a framework for this, also carefully selected and internationally renowned speakers will deliver keynote lectures as solid introductions to their fields.

Hannover will continue this tradition with both an excellent selection of contributions and tutorials as well as a lively city to experience with its historic sites, leisure places and exciting social events.

We are looking forward to receive your contribution and welcome you as our guests!

**SCOPE of the EnFI CONFERENCE**

The Hannover Medical School, in cooperation with Leibniz University and the Veterinary School are proud to host EnFI in 2015, which is now running already in its 8th consecutive year.

The organizers invite you for this interdisciplinary exchange of ideas amongst PhD students and post-doctoral researchers aside of the established conferences. Furthermore, EnFI is a workshop of excellence, as routinely more than 35% of the contributions result directly in peer-reviewed journal publications. Moreover, the conference series has always rewarding elements which make EnFI a memorable event for all participants.

EnFI SCHOOL

Two special courses will be held on the preceeding Sunday July 5th, 16 - 18 hrs for interested students.

Track A:

**Electrochemistry and Design Considerations of Electrodes**

by Hannes Maier, H4A Cluster of Excellence, Hannover.

Track B:

**Stimulation, Recording and Signal Analysis of Neural Tissue**

by Simone Kurt, H4A Cluster of Excellence, Hannover.

Please pre-register on our website. If a minimum student number is reached you will be informed on further details.

**ABSTRACT SUBMISSION**

All participants, especially postdoctoral researchers and PhD students, are kindly invited to submit their abstracts before April 12, 2015 to: enfi2015@mh-hannover.de.

The abstract template is available in download version on the conference website http://enfi-2015.eu. The abstracts will be reviewed by the Scientific Advisory Board and participants will be informed on acceptance of their contribution by May 4, 2015.

**TOPICAL SESSIONS**

1. Bio/Chemical Sensors
2. Interfaces to Life Science and Medicine
3. Engineering on the Micro- and Nanoscale
4. Functional Organics: Surfaces and Molecules
5. Inorganic Films and Devices

**TUTORIAL SPEAKERS**

Antje Spieß, RWTH Aachen - Enzymes and Catalysis on Interfaces

Davide Ricci, IIT, Genova - Brain Computer Interfaces

Michael Tiemann, University of Paderborn - Nanoporous Materials

Martin Dienwiebel, KIT Karlsruhe - Nanotribology for Engineering

Joachim Knoch, RWTH Aachen - Nanoelectronics

(preliminary titles)

**DATES & DEADLINES**

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