

# PROGRAM

HEALTH & ENVIRONMENT SEMINAR SERIES 2010

The Health & Environment Department  
of the AIT Austrian Institute of Technology  
invites you to the Health & Environment Seminar Series 2010:

## HEALTH & ENVIRONMENT SEMINAR SERIES 2010

The HEALTH & ENVIRONMENT SEMINAR SERIES features lectures and discussions with leading scientists referring to the research areas **Sensing Life** and **Sensing Nature**.

**Sensing Life** - Healthcare devices and systems to meet the future needs of an aging society and

**Sensing Nature** - Bio-analytical tools to overcome the future shortage of environmental resources.

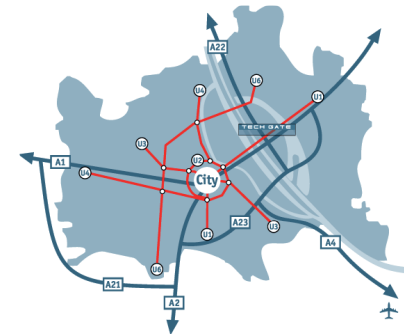
Supported by the Austrian Association of Molecular Life Sciences and Biotechnology (ÖGMBT) the series offers seminars on aspects of molecular sensing in medicine and biology.



For additional information about the series please contact  
Susanne Kiefer (phone: +43 50550 3579)  
Please registrate under: [susanne.kiefer@ait.ac.at](mailto:susanne.kiefer@ait.ac.at)

**Date** Wednesdays, 3.30 pm -  
afterwards buffet and  
get-together

**Place** TechGate,  
Conference Room 0.3  
Donau-City Straße 1,  
1220 Vienna



### PROGRAM

- 20<sup>th</sup> January 2010** **Marion Koopmans, Center for Infectious Disease Control, NL**  
The interplay between noroviruses and their host
- 3<sup>rd</sup> March 2010** **Chris Kay, University College London, UK**  
EPR-applications in medicine and biology
- 21<sup>st</sup> April 2010** **Dmitri B. Papkovsky, University College Cork, Ireland**  
New applications of optical oxygen sensing and respirometry
- 5<sup>th</sup> May 2010** **Kornelius Nielsch, University of Hamburg, Germany**  
Magnetic Nanoobjects based on Atomic Layer Deposition:  
Switching Modes in Nanotubes and Core-Shell Nanowires
- 2<sup>nd</sup> June 2010** **Ulf Landegren, Uppsala University, Sweden**  
Measuring and imaging proteins in patient samples via  
DNA reporters
- 8<sup>th</sup> September 2010** **Jörg Löffler, ETH Zürich, Switzerland**  
Mg-based glasses and their potential for a new generation of  
biodegradable implants
- 6<sup>th</sup> October 2010** **Stephan Beck, University College London, UK**  
Reverse Phenotyping: Towards an integrated (epi)genomic  
approach to complex phenotypes and common disease
- 1<sup>st</sup> December 2010** **Jörg Hoheisel, DKFZ Heidelberg, Germany**  
Functional Genomics and Proteomics in Cancer Research