Dear colleagues,

our center's research activities span from methodological and technical developments for preclinical and clinical imaging modalities, through advances in data handling and analysis to new concepts of applying bioengineering innovation to patient care. As such we seek to actively promote medical physics and biomedical engineering as integral parts of clinical research and patient management within the objectives of the Medical University of Vienna.

In an effort to highlight contributions to the research activities of our University a number of Adjunct Professorships have recently been awarded to key experts from clinical and scientific fields. With great pleasure we would like to introduce four of our Adjunct Professors who have been engaged for a long time in the widened field of imaging sciences: James G. Fujimoto, Otto Muzik, Graham J. Kemp and Arno Villringer.

This symposium brings together all four Adjunct Professors and colleagues from the university to share their visions on science and research in selected field of medical imaging, with a particular focus on optical imaging, molecular imaging and magnetic resonance imaging. Thus, we kindly invite you to our symposium "From Medical Physics to Medicine" to welcome our new Adjunct Professors and make them feel as a part of a truly cross-specialty and forward looking team of imaging users and supporters.

Sincerely,

Wolfgang Drexler, Ewald Moser and Thomas Beyer



Van Swieten Saal, Medical University of Vienna Van-Swieten-Gasse 1a 1090 Vienna

Contact

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Invitation From Medical Physics to Medicine – An Imaging Perspective. Introducing Our Adjunct Professors.

3rd October 2016, 11 am - 3 pm

Van Swieten Saal, Medical University of Vienna Van-Swieten-Gasse 1a, 1090 Vienna

Programme

11 am - 1.45 pm

Welcome and Award ceremony

Michaela Fritz, Vice-Rector for Research

Wolfgang Drexler, Center for Medical Physics and Biomedical Engineering, Medical University of Vienna

Introduction James G. Fujimoto, MIT Boston

Wolfgang Drexler, Center for Medical Physics and Biomedical Engineering, Medical University of Vienna

Biomedical Imaging using Optical Coherence Tomography

James G. Fujimoto, Elihu Thomson Professor of Electrical Engineering, Electrical Engineering and Computer Science (EECS), Massachusetts Institute of Technology, Cambridge, USA

Introduction Otto Muzik, Wayne State University, Detroit

Thomas Beyer, Center for Medical Physics and Biomedical Engineering, Medical University of Vienna

Molecular Imaging of brain development and neurodevelopmental disease

Otto Muzik, Wayne State University, Detroit, USA

Introduction Graham J. Kemp, University of Liverpool

Martin Meyerspeer, Center for Medical Physics and Biomedical Engineering, Medical University of Vienna

High-field ³¹P magnetic resonance spectroscopy in the study of muscle metabolism in vivo

Graham J. Kemp, Magnetic Resonance & Image Analysis Centre, Department of Musculoskeletal Biology, University of Liverpool, UK

Introduction Arno Villringer, MPI Leipzig

Ewald Moser, Center for Medical Physics and Biomedical Engineering, Medical University of Vienna

Vascular Risk Factors - The brain as culprit and victim Arno Villringer, Department of Cognitive Neurology, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

Farewell

1.45 pm Light Lunch Buffet and Get-together

