



Susceptibility Weighted Imaging Study Session

ISMRM 2009 - Honolulu, Hawaii

Wednesday, April 22, 2009 at 7:30pm

- 1 ***Introduction and Study Group Business***
Mark Haacke, PhD, Director, The MRI Institute for Biomedical Research, USA
- 2 ***Past, Present and Future Applications of SWI***
Mark Haacke
- 3 ***The Fundamentals of SWI***
Juergen Reichenbach, PhD, Professor, Universitätsklinikum Jena, GERMANY
- 4 ***Review of Past Clinical Applications of SWI***
Karen Tong, MD, Associate Professor, Loma Linda University, USA
- 5 ***Traumatic Subarachnoid Hemorrhage Imaging with CT and SWI***
Zhen Wu, PhD Student, McMaster University, CANADA
- 6 ***SWI in Multiple Sclerosis***
Alex Rauscher, PhD, UBC High Field Magnetic Resonance Imaging Centre, CANADA
- 7 ***Breast Imaging with SWI***
Mike Noseworthy, PhD, Assistant Professor, McMaster University, CANADA
- 8 ***Grading of Venous Engorgement***
Daniel Kido, MD, Professor, Loma Linda University, USA
J. Paul Jacobson, MD, Professor, Loma Linda University, USA
- 9 ***Imaging Vessel Wall Using High Resolution SWI***
Yang Qi, MD, Attending Radiologist, Xuanwu Hospital, CHINA
- 10 ***SWI of the Spinal Veins***
Kohsuke Kudo, MD, Assistant Professor, Iwate Medical University, JAPAN
- 11 ***Imaging Nerves with SWI***
Zhang Zhongwei, MD, Assistant Professor, Sun Yat-sen University, CHINA
- 12 ***Panel Discussion on Clinical Applications of SWI***
- 13 ***Monitoring Tissue Damage in Animal TBI BLAST Studies***
Zhifeng Kou, PhD, Assistant Professor, Wayne State University, USA
- 14 ***Phase and Susceptibility Imaging in the Brain: Revealing Contrast Sources and Anatomical Structure***
Karin Shmueli, PhD, Visiting Fellow, National Institutes of Health, USA
- 15 ***Quantitative Susceptibility Imaging Based on the Field Source Inverse Solution***
Yi Wang, PhD, Distinguished Professor, Cornell University, USA
- 16 ***Correlation of Synchrotron X-ray Fluorescence Iron Maps with SWI***
Mark Haacke
- 17 ***Panel Discussion on Technical Developments for Susceptibility Imaging***
- 18 ***Closing Remarks***