

# 2008 ISMRM SWI Study Session

## **Introduction: Mark Haacke (10min)**

- introduce the elected members of the study section
- their terms, our purpose
- summary of applications of SWI

## **Technical Overview: Juergen Reichenbach (10min)**

- what is susceptibility weighted imaging
- what are the challenges open today

## **Clinical overview: Karen Tong (10min)**

- how is SWI useful clinically
- what is needed to make it better
- some pediatric trauma examples

## **Invited speakers: Talks are 5 min with 5 min discussion**

### **Technical applications:**

Markus Barth

- fMRI with SWI

Jaladhar Neelavalli

- removing phase artifacts

Seong-Ge Kim

- animal imaging

Alexander Rauscher

- susceptibility weighted phase imaging

Andreas Deistung

- Susceptibility Weighted Imaging (SWI) at ultra high magnetic field strengths

### **Clinical applications:**

Jonathan Grynspan (Canadian representative)

- stroke

Vivek Sehgal (US representative)

- trauma and tumors

Masahiro Ida (Japanese representative)

- venous applications

Yulin Ge

- MS applications

Kohsuke Kudo

- SWI and perfusion in stroke

**This will already take at least 90 minutes.**