## STUDY GROUP SESSION

**Title:** Perfusion  
**Day:** Wednesday, 11 May, 2016  
**Time:** 16:00-18:00  
**Room #:** Hall 405 E

### Study Group Committee
Chair, Fernando Calamante, Ph.D.; Vice Chair, Valerij G. Kiselev, Ph.D.; Secretary, Linda Knutsson, Ph.D.;  
Trainee Representative, Thomas Christen, Ph.D.; Past Chair, David C. Alsop, Ph.D.  
2016-2017 Incoming Committee: Secretary, Xavier G. Golay, Ph.D.; Trainee Representative, André C. Ahlgren, M.Sc.

### Overview
The overall goal will be to facilitate interaction between members and promote collaborations.

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<th>Time</th>
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<tr>
<td>16:00</td>
<td>Introduction - Welcome &amp; Business Meeting</td>
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<td>16:10</td>
<td>Fortune teller: &quot;Predict the future of perfusion MRI in 2026&quot;</td>
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**Poster Award: ASL Finalists, Power Pitch Presentations**

16:50 Reproducibility & Variability of a Look-Locker FAIR ASL Sequence for Quantitative Measurement of Myocardial Blood Flow in Healthy Human Volunteers at 3T  
Graeme A. Keith, M.Sc.  
OCMR, University of Oxford, United Kingdom

Pulmonary Perfusion Using Pseudo-Continuous Arterial Spin Labeling  
Joshua S. Greer, B.Sc.  
UT Southwestern Medical Center, USA

T2 Relaxation of Human Blood at 3T Revisited: In Vivo & In Vitro Measurement using TRUST MRI  
Adam M. Bush, M.Sc.  
University of Southern California, USA

**Poster Award: DSC/DCE Finalists, Power Pitch Presentations**

Assessing the Repeatability & Reproducibility of Contrast Time Courses from a Dynamic MRI Flow Phantom: Initial Results & Experiences  
Jacob M. Johnson, B.A.  
University of Wisconsin, Madison, USA

Influence of Linear & Non-linear Conversions of T1-Weighted Signal Intensity to Gadolinium Concentration on Contrast Kinetic Model Parameters: A Simulation Study  
Nicole Wake, M.Sc.  
New York University, USA

Tissue Partial Volume Correction of Perfusion Maps in Dynamic Susceptibility Contrast MRI  
André C. Ahlgren, M.Sc.  
Lund University, Sweden

17:15 **Software Corner**

**Presenter 1**  
Kohsuke Kudo, M.D., Ph.D.  
Hokkaido University Hospital, Japan

**Presenter 2**  
Steven P. Sourbron, Ph.D.  
University of Leeds, United Kingdom

**Presenter 3**  
Jesper F. Kallehauge, Ph.D.  
Oxford University, United Kingdom

**Presenter 4**  
Hanzhang Lu, Ph.D.  
Johns Hopkins Univ. School of Medicine, USA

**Presenter 5**  
Xiaoyun Liang, Ph.D.  
Florey Inst. of Neurosc. & Mental Health, Australia
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<td>17:50</td>
<td>Poster Award Winners</td>
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<tr>
<td>18:00</td>
<td>Adjournment</td>
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Ze Wang, Ph.D.
Hangzhou Normal University, China