

STUDY GROUP SESSION

Title: Perfusion

Day: Wednesday, 11 May, 2016

Time: 16:00-18:00

Room #: Hall 405 E

Study Group Chair, Fernando Calamante, Ph.D.; Vice Chair, Valerij G. Kiselev, Ph.D.; Secretary, Linda Knutsson, Ph.D.;

Committee: 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.

16:00	Introduction - Welcome & Business Meeting	Perfusion Committee
16:10	Fortune teller: "Predict the future of perfusion MRI in 2026"	Xavier G. Golay, Ph.D. UCL Institute of Neurology, United Kingdom <i>and</i> Charles S. Springer, Jr., Ph.D. Oregon Health & Science University, USA
16:50	Poster Award: ASL Finalists, Power Pitch Presentations	
	<i>Reproducibility & Variability of a Look-Locker FAIR ASL Sequence for Quantitative Measurement of Myocardial Blood Flow in Healthy Human Volunteers at 3T</i>	Graeme A. Keith, M.Sc. OCMR, University of Oxford, United Kingdom
	<i>Pulmonary Perfusion Using Pseudo-Continuous Arterial Spin Labeling</i>	Joshua S. Greer, B.Sc. UT Southwestern Medical Center, USA
	<i>T₂ Relaxation of Human Blood at 3T Revisited: In Vivo & In Vitro Measurement using TRUST MRI</i>	Adam M. Bush, M.Sc. University of Southern California, USA
	Poster Award: DSC/DCE Finalists, Power Pitch Presentations	
	<i>Assessing the Repeatability & Reproducibility of Contrast Time Courses from a Dynamic MRI Flow Phantom: Initial Results & Experiences</i>	Jacob M. Johnson, B.A. University of Wisconsin, Madison, USA
	<i>Influence of Linear & Non-linear Conversions of T₁-Weighted Signal Intensity to Gadolinium Concentration on Contrast Kinetic Model Parameters: A Simulation Study</i>	Nicole Wake, M.Sc. New York University, USA
	<i>Tissue Partial Volume Correction of Perfusion Maps in Dynamic Susceptibility Contrast MRI</i>	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

Presenter 6

Ze Wang, Ph.D.
Hangzhou Normal University, China

17:50 Poster Award Winners

Perfusion Committee

18:00 Adjournment