

STUDY GROUP SESSION

Title: **Pediatric MR**

Day: Tuesday, 25 April 2017

Time: 16:15-18:15

Room #: Rm 317AB

Study Group Chair, Franklyn A. Howe, D.Phil.; Vice Chair, Andrew C. Peet, Ph.D., FRCPC; Secretary, Petra S. Hüppi, M.D.;

Committee: **Incoming 2017-2018 Committee** : Secretary, Duan Xu, Ph.D.; Trainee Representative, Joseph Yitan Cheng, Ph.D.; SMRT Representative, Michael Kean, (RT), FSMRT

16:15	Introduction - Welcome & Business Meeting	Pediatric MR Committee
	Hot Topic	
16:25	Imaging Paediatric Lung Disease with Multi-Nuclear MRI	Jim M. Wild, Ph.D. University of Sheffield, UK
	Trainee Presentations - Short Talks	
16:55	<i>Motion-Compensated Reconstruction of Fetal Cardiac MRI Using a Golden-Angle Radial Acquisition, Retrospective Gating, & Compressed Sensing</i>	Christopher W. Roy, M.Sc. Hospital for Sick Children, Canada
	<i>k-t Accelerated Dual-Venc 4D Flow MRI for Improved Flow Visualization in Pediatric Patients with Congenital Heart Disease</i>	Liliana Esther Ma, B.A. Northwestern University, USA
	<i>Insights from Comprehensive Fetal Cardiovascular MRI Assessment Using 3D Motion-Correction & Metric-Optimised Gated Phase Contrast in Cases of Suspected Coarctation of the Aorta</i>	Joshua F. P. van Amerom, B.Sc. King's College London, UK
	<i>Automated Pre-Processing Pipeline & Quality Control for Neonatal Diffusion MRI in the Developing Human Connectome Project (dHCP)</i>	Matteo Bastiani, Ph.D. Oxford University, UK
	<i>Topologically Reorganized Functional Connectivity in Children with Abacus Training</i>	Ye Xie Zhejiang University, China
	<i>MR Fingerprinting in Paediatric Neuroradiology: Our Initial Experience</i>	Graziella Donatelli, M.D. University of Pisa, Italy
	<i>GABA & Glutamate in Children with Tourette Syndrome: A 7T 1H-MRS Study</i>	Nicolaas A.J. Puts, Ph.D. Johns Hopkins University, USA
17:45	Chaired Discussion - Pediatric Study Group Workshop	Pediatric MR Committee
18:05	Closing Remarks	Pediatric MR Committee
18:15	Adjournment	