### Preliminary Program

**8:30 - 9:00**  
Arrival and breakfast/coffee

**9:00 - 10:20**  
**SESSION 1 - SCIENTIFIC TALKS - DATA ACQUISITION**

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<th>Time</th>
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| 09:00 | **Recent advances in multi-modal imaging at 3T and potential applications at 7T** | Christine Tardif, Ph.D.  
McConnell Brain Imaging Centre, MNI, Depts of Neurology & Neurosurgery, and Biomedical Engineering, McGill University |
| 09:20 | **Quantitative Ultra-High Field MRI of Neurological Disease**         | David Rudko, Ph.D.  
Assistant Professor, Department of Neurology/Neurosurgery, Department of Biomedical Engineering  
Director, 7 T Pre-Clinical MRI Unit, McConnell Brain Imaging Centre, MNI, McGill University |
| 09:40 | **Imaging epigenetics in Alzheimer's disease**                        | Pedro Rosa-Neto, M.D., Ph.D.  
Associate professor, Depts of Neurology & Neurosurgery, and Psychiatry, McGill University |
| 10:00 | **MEG for human brain electrophysiology and imaging**                | Sylvain Baillet, Ph.D.  
Professor, Depts of Neurology & Neurosurgery, Biomedical Engineering, and Computer Science, McGill University |

**10:25 - 11:00**  
**TRAINEES' LECTURE**

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**11:00 - 12:00**  
**KEYNOTE LECTURE**

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| 11:00 | **New Windows into the Brain from Ultra-Strong Gradients and Ultra-High Magnetic Field** | Derek Jones, Ph.D.  
Director, CUBRIC, School of Psychology, Cardiff University, UK |

**12:00 - 1:40**  
Lunch and Poster Session (Award for Best Abstracts TBD)

**1:40 - 1:45**  
**TRAINEES' LECTURE**

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| 01:50  | Recent data analysis methods from the NIST lab for morphological MRI | Louis Collins, Ph.D.  
Professor, Depts Neurology & Neurosurgery and Biomedical Engineering |
| 02:10  | Consensus brain networks: accounting for topology and geometry    | Bratislav Mišić, Ph.D.  
Assistant professor, Departments of Neurology & Neurosurgery, McGill University |
| 02:30  | A tough nut to crack: autism connectopathy                        | Boris Bernhardt, Ph.D.  
Assistant Professor of Neurology and Neurosurgery, Multimodal Imaging and Connectome Analysis Lab, McConnell Brain Imaging Centre McGill University |
| 02:50  | Some imaging genetic stories                                      | Jean-Baptiste Poline, Ph.D.  
McGill University, MNI, McConnell Brain Imaging Centre, Ludmer Centre, UC Berkeley, Helen Wills Neuroscience Institute |
| 2:50   | COFFEE & COOKIES                                                   |                                                                            |
| 3:20   | Acoustic neuromodulation during anesthesia                         | Mohamed Badawy, MD, FRCPC  
Assistant professor, Department of Anesthesia, McGill University |
| 3:35   | Title "to come"                                                   | Justin Létourneau, M.D.  
Assistant professor, Department of Anesthesia, McGill University |
| 03:50  | Genetic white matter disorders: the challenge of identifying new entities | Roberta La Piana, MD, PhD candidate  
Department of Neuroradiology and Laboratory of Neurogenetics of Motion, Montreal Neurological Institute, McGill University |
| 3:50   | DISCUSSION PANEL SESSION: BIC - QUESTIONS & ANSWERS PERIOD         | Alain Dagher, M.D.  
Derek K. Jones, Ph.D.  
Jean-Paul Soucy, M.D.  
Christine L. Tardif, Ph.D.  
Alan C. Evans, Ph.D.  
Louis Collins, Ph.D. |
| 4:30   | BIC - Overview and vision for the future                           | Julien Doyon, Ph.D., FRSC, FCAHS  
Director, BIC, Montreal Neurological Institute, McGill University |
| 05:00  | COCKTAIL - CONTINUED POSTER SESSION - BIC CHRISTMAS PARTY          |                                                                            |