

# ISMRM Chapter of Singapore

## Workshop on Biomedical Magnetic Resonance

13<sup>th</sup> April 2018, Exploration Theatre, Level 4 Matrix Building,  
30 Biopolis Street, SINGAPORE

### PROGRAMME

**08:15 – 08:45 Registration**

#### Welcome & Opening Remarks

08:45 - 09:00 Patrick Cozzone (Executive Director, SBIC)

#### Scientific Sessions

##### Session One: Advanced Imaging

*Co-Chairs: Tchoyoson Lim (NNI), S. Sendhil Velan (SBIC)*

09:00 - 09:55 Benjamin Schmitt (Siemens Healthineers, Australia & New Zealand)  
CEST Imaging – Basic Principles and Clinical Applications

09:55 - 10:00 Q & A

10:00 - 10:25 Joyce Chan (SBIC)  
Clinical Applications in Atherosclerosis Imaging

10:25 – 10:30 Q&A

**10:30 - 11:00 Tea & Coffee Break (30 mins)**

##### Session Two: Cardiac Imaging

*Co-Chairs: Joyce Chan (SBIC), Thng Choon Hua (NCC)*

11:00 - 11:25 Tan Ru San (National Heart Centre Singapore)  
Imaging Heart Failure - Acquisition and Post-Processing Analytic Approaches

11:25 – 11:30 Q & A

11:30 - 11:55 Marielle Valerie Fortier (KK's Women and Children's Hospital)  
Advances in Paediatric Cardiac MRI

11:55 – 12:00 Q & A

### **Session Three: Neuro-Imaging (I)**

***Co-Chairs: Lee Kuan Jin (SBIC), Chan Ling Ling (SGH)***

12:00 - 12:55 **Samuel Chan (Chang Gung Memorial Hospital, Taiwan)**  
Diffusion Tensor Imaging as an Investigative Tool for Functional Evaluations of  
Baroreflex Dysregulation: Clinical and Therapeutic Implications

12:55 - 13:00 Q & A

**13:00 - 14:30 Buffet Lunch (1.5 hour)**

### **Session Four: Neuro-Imaging (II)**

14:30 - 14:55 **Joanes Grandjean (SBIC)**  
Understanding Depression through Preclinical Mouse Functional Imaging using High  
Field MRI

14:55 - 15:00 Q & A

### **Session Five: Cancer Imaging**

***Co-Chairs: Tan Ru San (NHCS), Kishore Bhakoo (SBIC)***

15:00 - 15:25 **Thng Choon Hua (National Cancer Centre Singapore)**  
Introduction to DCE MRI

15:25 - 15:30 Q & A

**15:30 - 16:00 Tea & Coffee Break (30 mins)**

### **Session Six: Networking (Short Presentations)**

***Co-Chairs: Joanes Grandjean (SBIC), Desiree Abdurrachim (SBIC)***

16:00 - 17:00 Short Presentations

**17:00 - 17:10 Final remarks and Adjournment – Tchoyoson Lim and Sendhil Velan**

**18:30 Workshop Dinner (invited guests only)**