Welcome to the 26th Annual Meeting of the Society for MR Radiographers & Technologists

VIRTUAL MEETING SCHEDULE
You will receive a prompt every 15 minutes during CE accredited sessions to ensure you are still present. This will serve as the verification for CE and CPD attendance.

Saturday, 22 April 2017
08:00 - 17:30

08:00 Welcome & Announcements
James Stuppino, B.S., R.T. (R)(MR), SMRT President 2016-2017
Shawna Farquharson, M.Sc. (R), SMRT Program Chair 2017

Forum 1: Plenary Session
Moderators: Vera Kimbrell, BS, R.T. (R)(MR), FSMRT and Shawna Farquharson, M.Sc. (R)

08:10 KEY NOTE: MRI – From the Past to the Present World of MRI Fingerprinting
Mark Griswold, Ph.D.

08:55 PLENARY: MRI and the Quest for Speed
Kawin Setsompop, Ph.D.

09:40 Break

Forum 2: Cardiac

10:00 Cardiac MRI in the Assessment of Pediatric and Neonatal Congenital Cardiac Disease: Current Challenges and Potential Solutions
Vivek Muthurangu, M.D.

10:35 Myocardial Delayed Enhancement-Imaging Challenges
Cindy Comeau, B.S., R.T. (N)(MR), FSMRT

11:10 2D vs. 4D Flow: Definition of Techniques and Clinical Applications
James Carr, M.D.

11:40 - 12:55 SMRT Annual Business Meeting and Lunch Break (no live stream)
**Forum 3:** *Proffered Papers*
*Moderators: Moderators: Su Liew, M.MR.Tech. and Sheryl Foster, MhlthSc., (MRS)(MRI)*

12:55 President’s Award: Short T2 Nerve Imaging using Vascular and Background Tissue Suppression in the Brachial Plexus at 3T
Ben Kennedy, B.App.Sc., Mst (MRI)

13:15 1st Place Clinical Focus Award: Developing a Protocol for Virtual Reality Preparation of Children Undergoing Magnetic Resonance Imaging
Glenn Cahoon, M.App.Sc.  *(no CE credit)*

13:25 1st Place Research Focus Award: Pseudo Steady State (PSS) in 2D Fast spin Echo (FSE) Optimization for Image Resolution and Physiological Challenges and at 3T
Ben Kennedy, B.App.Sc., Mst (MRI)  *(no CE credit)*

13:35 *Break*

*Forum 4:* *MRI Theory: From the Fundamentals to Advanced Imaging Applications*
*Moderators: Julie Strandt-Peay, BSM, R.T. (R)(MR), FSMRT and Katrin Koziel, R.T.*

13:45 Refresher of MR Image Formation Principles
Donald McRobbie, Ph.D.

14:20 Introduction to Hardware
Martin J. Graves, Ph.D.

14:55 Introduction to Parallel Imaging and Simultaneous Multi-Slice Acquisition
Kawin Setsompop, Ph.D.

15:25 *Break*

**Forum 5:** *Neuro*
*Moderators: Barry Southers, M.Ed., R.T. (R)(MR), FSMRT and Helle Simonsen, (MRT), FSMRT*

15:40 fMRI: From Acquisition to Analysis
Stefan Sunaert, M.D., Ph.D.

16:15 Diamond Sponsor • GE Healthcare
Steve M. Lawson, (R)(MR)  *(no CE credit)*

16:25 DWI: From Acquisition to Analysis
Alan Connelly, Ph.D.

17:00 Clinical Use of Diffusion MRI and fMRI for Presurgical Mapping
Alberto Bizzi, M.D.

17:30 *Announcements/Adjourn*
08:00  Welcome & Announcements  
Titti Owman, (R)(CT)(MR), FSMRT, SMRT President 2017-2018  
Shawna Farquharson, M.Sc. (R), SMRT Program Chair 2017

Forum 6:  MRI Safety  
Moderators: Anne Sawyer, BS, RT, (R)(MR), FSMRT and Karla Epperson, (R)(MR)

08:05  Diamond Sponsor • Philips Healthcare  
Marius van Meel BSc, R.T. (MR) (no CE credit)

08:15  MRI Issues for Implants and Devices  
Frank G. Shellock, Ph.D., FACR, FACC, FISMRM

08:45  Implant Heating  
Michael Steckner, Ph.D., M.B.A.

09:15  An Update on FDA Reported Adverse Events and Safety Concerns for Medical Implants in the MRI Environment  
Sunder S. Rajan, Ph.D.

09:45  MRI Safety Forum: Panel Discussion  
Frank G. Shellock, Michael Steckner, Sunder S. Rajan

10:00  Break

*Forum 7:  T2* Imaging and Applications  

10:20  Clinical Applications of SWI  
Karen Tong, M.D.

10:55  Quantitative Susceptibility Mapping  
Diego Hernando, Ph.D.

11:30  The Role of MRI in Diagnosing and Monitoring of Multiple Sclerosis  
Klaus Schmierer, M.D., Ph.D.

12:00 – 13:05  Non-Educational Awards and Lunch (no live stream)

Forum 8:  Proffered Papers (no CE credit)  
Moderators: Martin Sherriff, B.Appl.Sc., R.T. (MR) and Jeremy Morrison, NDMDI, MHSc

13:05  2nd Place Clinical Focus Award: A Practical Approach to RESOLVE DWI in 3T Breast MR Imaging  
Michelle Aye Myat Myat Htun, B.P.Sc
13:15 2nd Place Research Focus Award: Effect of Multiband Acquisition on Temporal Signal to Noise Ratio (tSNR) at 3T
Lori Talagala, R.T. (R)(MR)

13:25 3rd Place Clinical Focus Award: Simultaneous Bilateral MR Guided Breast Biopsies
Tanya Lynn Wah Kan, M.R.T. (MR)(R)

13:35 3rd Place Research Focus Award: Comparison of Magnetic Resonance Spectroscopy Techniques at 3 Tesla and 7 Tesla for Detection of 2-hydroxyglutarate (2HG) in IDH Mutant Gliomas
Lisa Desiderio, A.A.R.T. (R)(MR)

13:45 Break

Forum 9: **MSK Imaging**
*Moderators: Kirsty Campbell, NDMDI, PG Dip (MRI) and Chris Kokkino, B.App.Sc., Pg.Cert. (MRI)*

13:55 MRI Imaging in the Presence of Metal
Alissa J. Burge, M.D.

14:30 MSK Tips
Megan Cromer, Ph.D., B.App.Sc. (Hons)

15:05 Advanced Quantitative MSK Imaging Techniques
Emily McWalter, Ph.D.

15:35 Break

Forum 10: **MRI Applications & Advances**
*Moderators: Ben Kennedy, B.App.Sc., Mst(MRI) and Boel Hansson, (RT)(R)(CT)(MR)*

15:50 Advances in Imaging the Developing Brain
Patricia Ellen Grant, M.D.

16:25 Imaging of Neurodegeneration
Adam Waldman, M.D., Ph.D.

17:00 Future Directions of MRI
Michael Moseley, Ph.D.

17:30 Closing Remarks/Adjourn