ISMRM Turkish Chapter Event at TMRD 25th Annual Meeting

‘Emerging Concepts in Translational MRI Research’ Workshop

24/09/2021

Venue
Sheraton Hotel, Ankara

07:30 – 08:00  Registration

08:00 – 09:30  Plenary Session I – New Frontiers in MRI
Moderator: Emine Ülkü Sarıtaş Çukur

Opening Remarks
Muhteşem Ağildere

• Novel Imaging Protocols & Hardware – Larry Wald, MGH, Harvard University
• “Recent advances in very low field accessible and sustainable MRI” – Andrew Webb, Leiden University (Pre-recorded)
• MRI Guided Focused Ultrasound – Kim Butts Pauly, Stanford University

09:30 – 10:00  Coffee Break

10:00 – 11:30  Plenary Session II – Hot Trends in Imaging
Moderator: Tolga Çukur

• "Deep learning based MR image reconstruction" - Dong Liang, Chinese Academy of Sciences (Live)
• "Cross-domain neural networks for reconstructing undersampled MRI" - Dosik Hwang, Yonsei University
• “Magnetic Particle Imaging: Hardware, Superferromagnetic Tracers and the Promise of Clinical Applications” – Steven Conolly, UC Berkeley (Pre-recorded)

12:15 – 13:15  Lunch

13:30 – 15:30  Plenary Session III – Clinical Research Priorities in MRI
Moderator: Kader Karlı Oğuz
● "Quantitative and Multi-contrast Carotid Arterial Wall Imaging" - Yibin Xie, University of California, Los Angeles
● Radiomics - Rajan Jain, University of Pennsylvania
● MR Elastography - Ingolf Sack, Charite Berlin (Live)

15:30 – 16:00 Coffee Break

16:00 – 17:00 Keynote Speech
Moderator: Ergin Atalar
● " CEST MRI: Basics, Some Important Applications, and Potential" - Peter van Zijl, Johns Hopkins University (live)

17:00 – 18:30 Plenary Session IV- MRI Research Groups in Turkey
Moderator: Muhteşem Ağildere
● Short Presentations by MRI Research Groups in Turkey