

Advancing Medical Care through Discovery in the Physical Sciences

Monday, July 12, 2021

Session 3 Advanced Magnetics: Overview & Community Perspectives Panel (2:00 PM - 4:00 PM)

| time | [id] title | presenter |
|---------|--|-----------|
| 2:00 PM | [85] Overview | |
| | - [1] Capabilities from the Physical Sciences – Superconducting Magnets - Kathleen Amm | |
| | - [2] State-of-the-art Challenges and Emerging Technologies – Larry Wald (MGH) | |
| 2:40 PM | [86] Community Perspectives Panel | |
| | - [1] Magnetic Particle Imaging - Steve Conolly | |
| | - [2] Optically Pumped Magnetometry - Peter Schwindt | |
| | - [3] Risk Reduction and Design of a 16-T MRI Magnet – Minfeng Xu (GE Global Research) | |
| | - [4] Advanced Superconducting Cyclotron with Variable Energy for Hadron Therapy - Joe Minervini | |
| | - [5] fMRI - Jonathan Polimeni | |
| | - [6] Panel Discussion | |