Name: **Michael Parizh**

Affiliation: General Electric – Global Research

Position: Electromagnetic Platform Leader

Previous Positions: Philips Medical Systems, Manager – Magnet Design Engineering

Education: PhD, Institute of High Temperatures, Russia Academy of Science

Research Interests/Areas of Expertise:
Applied superconductivity and development of superconducting magnets for variety of medical, power, research and military applications. Made significant technical contributions to design of all types of MRI magnet systems, 900 MHz (21 tesla) wide bore NMR magnet system (in cooperation with NHMFL), 8 tesla magnet for FT-ICR spectrometry, Superconducting Magnetic Energy Storage (SMES), 7 tesla quasi-optical gyrotron, superconducting current controller and other projects.

Publications: Over 40 papers on superconductivity and applications

Approximate Number of Years in Applied Superconductivity: 30

Membership in Professional Societies:
- IEEE – Senior member
- Member, IEEE Council on Superconductivity

Previous ASC Service:
- ASC Program committees and Editorial boards (2004-present)
- ASC'2012: Programs Committee, Lead Technical Editor
- Large Scale co-chair for ASC'2014

Other:
- IEEE Transactions on Applied Superconductivity – Editor for Large Scale Applications (2005-present)