



Name:	Ziad Melhem
Affiliation:	Oxford Instruments NanoScience
Position:	Strategic Business Development Manager
Previous Positions:	Key Account Manager, Oxford Instruments Project Manager, Oxford Instruments, Engineering, Oxford Instruments Postdoctoral Research Assistant, London University Postdoctoral Research Assistant, Imperial College, London Postdoctoral Research Assistant, University of Manchester Postdoctoral Research Assistant, Liverpool University
Education:	Ph.D. University of Manchester, 1982
Research Interests/Areas of Expertise:	Strategic Business Development, Alliances, Product Development, Collaborative R&D in applied superconductivity, Low and High temperature superconducting (LTS & HTS) materials, Cryogenics, Fusion, High Energy Physics (HEP), NMR, MRI, Quantum and Nanotechnology applications for scientific, medical, energy and industrial sectors.
Publications:	Editor, "High Temperature Superconductors (HTS) for Energy Applications", Woodhead-Elsevier, Mar 2012 Editor, "Electricity Transmission, Distribution and Storage Systems, Woodhead-Elsevier, Oct 2013 More than 160 technical notes and >20 published papers 2 Patents
Approximate Number of Years in Applied Superconductivity:	31
Membership in Professional Societies:	IEEE (Senior Member), IOP, British Cryogenic Council (BCC)
Previous ASC Service:	Session Chair 2014, 2016, 2018
Service to Related Conferences:	Chairman of the Six IOP Summer School in Superconductivity series - Oxford (2010, 2012, 2014, 2016, 2018, 2021) Member of the International Organisation Committee for The Magnet Technology Conference MT (2017, 2019) Program Committee, MT (2013, 2017, 2019) Program Committee EUCAS (2015, 2019)
Honors and Awards:	<ul style="list-style-type: none">▪ Finalist for OI Chairman's Award for Innovation (2016, 2018, 2006))▪ Finalist for MacRoberts Award of the Royal Academy of Engineering in the UK for developing the world record 900MHz (21.14 Tesla) NMR magnet (2003)