



Name: D. Scott Holmes

Affiliation: Booz Allen Hamilton

Position: Lead Technologist

Previous Positions: Program Manager, DARPA
Learning Strategist, Talsico
Sr. Engineer/Scientist, Lake Shore Cryotronics
Engineer, Air Force Research Laboratory

Education: Ph.D., University of Wisconsin–Madison, 1989
BSME, Massachusetts Institute of Technology, 1979

Research Interests/Areas of Expertise: Cryogenic sensors, superconductor electronics, computing and information processing, technology roadmapping, research and development management

Publications: More than 30 scientific articles, 1 handbook chapter, 1 patent

Approximate Number of Years in Applied Superconductivity: 31

Membership in Professional Societies: IEEE Senior Member

Previous ASC Service: Electronics Program Committee, ASC 2016, 2018, 2020
Session Chair, ASC 2014, 2016, 2018, 2020

Service to Related Organizations: EDS Representative, IEEE Council on Superconductivity, 2011–2020
Program Committee, ISEC 2017, 2019
Program Committee, US SCE Workshop 2017, 2019
Program Committee, ICRC (Rebooting Computing) 2012–2018
Chair, International Roadmap for Devices and Systems (IRDS) Cryogenic Electronics and Quantum Information Processing (CEQIP), 2018–2020
Co-editor Electronics, Superconductivity News Forum (SNF), 2018-2019

Honors and Awards: Grit Award, Talsico, 2001
Inspiring Irritation Award, Talsico, 1999
CEC Best Paper Award, 1991