Name:	**Edward Leonard, Jr.**
Affiliation:	Northrop Grumman Mission Systems
Position:	Sr. Principal Physicist
Previous Positions:	Graduate Researcher, Univ Wisconsin-Madison, 2013-2018 Assoc. Software Engineer I, Signature Research, Inc., 2012
Education:	Ph.D. Physics, Univ Wisconsin-Madison, 2018 B.S. Physics, Michigan Technological Univ, 2012
Research Interests/Areas of Expertise:	Integration of superconducting digital logic circuits with superconducting qubits; scalable superconducting systems for quantum control and measurement; Josephson junction quantum devices and electronics; superconducting device packaging and characterization
Publications:	"Digital Coherent Control of a Superconducting Qubit", E. Leonard, Jr., M. A. Beck, et al., *Phys. Rev. Applied* **11**, 014009, 2019 "Measurement of a superconducting qubit with a microwave photon counter", A. Opremcak, I. V. Pechenezhskiy, et al., *Science* **361**, 6408, 2018
Approximate Number of Years in Applied Superconductivity:	9 years
Membership in Professional Societies:	IEEE Electron Devices, Electronics Packaging Societies American Physical Society
Previous ASC Service:	Referee for *IEEE TAS* Special ASC issue, 2016 Session Chair/Moderator, ASC 2020 Invited Session Co-Chair, ASC 2022
Service to Related Conferences:	Tutorials Co-Chair, IEEE Quantum Week 2022
Other:	US Dept. of Energy *National Science Bowl* math and physics question writer/reviewer, 2012-2016