



Name:	Philippe Masson
Affiliation:	University of Houston
Position:	Assistant Professor
Education:	Ph.D. in Electrical Engineering from Université Henri Poincare, Nancy, France
Research Interests/Areas of Expertise:	Applied Superconductivity, electro-mechanical systems, power application, Multi-Physics modeling, numerical methods, quench, AC losses
Publications:	Around 40 publications in the Applied Superconductivity field
Approximate Number of Years in Applied Superconductivity:	15
Membership in Professional Societies:	IEEE – Senior member (Member of the IEEE Council on Superconductivity), AIAA – Senior member, Cryogenic Society of America – Member
Previous ASC Service:	Program committee member ASC'02, ASC'04, ASC'06, ASC'08, ASC'10, ASC'12, ASC'14 Editor for ASC'04, ASC'06, ASC'08, ASC'10, ASC'12, ASC'14 Large Scale Sub-Chair ASC'14 Short Courses on Power Devices ASC'04, ASC'06, ASC'08, ASC'10, ASC'12, ASC'14
Service to Related Conferences:	Program Committee MT23; Editor for MT21, MT22, MT23; International organizing committee CHATS-AS
Other:	Editor for IEEE Transactions on Applied Superconductivity since 2005, Received the “Outstanding Young Researcher Award” from the NASA URETI in 2007, Received the Roger W. Boom Award from the Cryogenic Society of America in 2010

Dr. Philippe Masson received a Ph.D in Electrical Engineering from the Université Henri Poincare, Nancy, France in 2002. In 2003 he joined the FSU-Center for Advanced Power Systems in Tallahassee, FL, working on the development of high power density superconducting machine for aircraft propulsion and on numerical modeling of electro-thermal instabilities in superconductors. At the same time, he was appointed by the FAMU-FSU College of Engineering as adjunct professor for the Department of Electrical Engineering. In 2009, he joined the Advanced Magnet Lab as Senior Scientist where he worked on superconducting motors and generators and power devices as well as resistive and superconducting magnets for high energy physics and medical applications. In 2012, he joined the University of Houston as a faculty member of the Department of Mechanical Engineering and as a member of the Texas Center for Superconductivity.