



Name:	Boris Maiorov
Affiliation:	Los Alamos National Laboratory
Position:	Research Scientist
Previous Positions:	Postdoctoral Associate (Los Alamos National Laboratory) Teaching Assistant, Balseiro Institute, Bariloche, Argentina
Education:	Ph.D. in Physics, Balseiro Institute, Argentina, 2003 M.S., B.S. Balseiro Institute, Argentina, 1997
Research Interests/Areas of Expertise:	Dynamic and Thermodynamics of superconductors. Influence of disorder in superconducting properties. Use of angular dependence and high fields to understand interrelation between vortex pinning and material defects. Development of critical current measurements in pulsed fields. Impact of defects in elastic properties via ultrasonic techniques. <i>h</i> number 40/36, 7430/5750 citations (Google Scholar/Web of Science)
Publications:	120+ papers on basic and applied superconductivity, Nature Materials, Physical Review Letters, Applied Physics Letters, Superconducting Science and Technology and IEEE Transactions on Applied Superconductivity, etc.
Approximate Number of Years in Applied Superconductivity:	25 years
Membership in Professional Societies:	IEEE (Senior Member), American Physical Society, Materials Research Society, Acoustical Society of America
Previous ASC Service:	Member of the Materials Program committee in 2010, 2012, 2014, 2022 Applied Superconductivity Conference Associated Editor for the IEEE Transactions in Superconductivity ASC 2008 and 2010 Session Chair/Moderator several ASC
Service to Related Conferences:	Local Organizer Vortex Conference (2002), Symposium Organizer 2009 Spring MRS, Symposium Organizer Superconductivity Symposium of Electronic Materials and Applications conference (EMA2014), Symposium Organizer IUMRS-ICAM 2015 Symposium Organizer International Conference on Composites and Advanced Manufacturing (Santa Fe, 2016) Local organizing committee Plutonium Futures 2018
Other Activities:	Bilingual Science Fair Judge, Mentor of high-school, undergrad, graduate students, and postdoctoral associates.