

2010 ASC Board Elections – Electronics



Deepnarayan Gupta

Affiliation	HYPRES
Position	Vice President, Research and Development
Previous Positions	Post Doc, Stanford University
Education	University of Rochester – M.S., Ph.D. (EE). Indian Institute of Technology, India – B. Tech. (Electronics and Electrical Communications Engineering)
Research Interests/ Areas of Expertise:	Superconductor electronic circuits (digital, analog, and mixed signal), cryocooled systems for RF communications, and instrumentation, cryogenic semiconductor and photonic devices
Publications	over 50 articles
Approximate Number of Years in Applied Superconductivity:	20 years
Membership in Professional Societies	Senior member (IEEE), Advisory Committee Member, IEEE Council on superconductivity
Previous ASC Service	Program committee member, ASC 2004, 2006, Editorial committee member, ASC 2004, 2006
Service to Related Conferences	Electronic Program Co-chair, ASC 2010, Program Chair, US Workshop on Superconductive Electronics, Devices, Circuits, and Systems, 2009, Board member, United States Committee for Superconductor Electronics, Inc.

Other Dr. Deepnarayan Gupta, at HYPRES since 1997, has been instrumental in defining HYPRES' development strategy to focus on small-scale digital-RF systems using superconductor integrated circuits and multi-chip modules, and creating a multi-faceted program with multiple, synergistic research and development (R&D) projects. Dr. Gupta has initiated and led over 50 R&D projects in superconductor digital electronic circuits and systems. As postdoc at Stanford University, he worked on hybrid superconductor-semiconductor electronics.

Dr. Gupta holds 11 patents and has 12 patents pending.