

Steven C. Reising is Associate Professor of electrical and computer engineering at Colorado State University (CSU). Shortly before joining the CSU faculty in 2004, he received tenure at the University of Massachusetts Amherst, where he had been Assistant Professor of electrical and computer engineering since 1998. Dr. Reising received the Ph.D. degree in electrical engineering from Stanford University in 1998, where he was supported by a NASA Earth Systems Science Fellowship and advised by Prof. Umran S. Inan. He also received the B.S.E.E. (magna cum laude) and M.S.E.E. degrees in electrical engineering from Washington University in St. Louis. During the summers of 1999, 2000 and 2003, he was a Summer Faculty Fellow in the Remote Sensing Division of the Naval Research Laboratory in Washington, DC, and is a National Center for Atmospheric Research (NCAR) Faculty Fellow for 2008.

Dr. Reising's research interests focus on Earth environmental remote sensing, including microwave and optical instrumentation and techniques for remote measurement of the atmosphere and oceans; lidar, radar and radiometry; microwave monolithic IC design and integration; and atmospheric electrodynamics. He has been Principal Investigator of nine grants or contracts from NSF, ONR, NRL (subcontract from the NPOESS Integrated Program Office), Ball Aerospace and the University of Rome, La Sapienza. Dr. Reising received the NSF CAREER Award (2003-2008) in the areas of physical and mesoscale dynamic meteorology, and the Office of Naval Research Young Investigator Program (YIP) Award (2000-2003) for passive microwave remote sensing of the oceans. His Ph.D. student Sharmila Padmanabhan received the Second Prize Student Paper Award at IGARSS 2003 in Toulouse, France and the URSI Young Scientist Award in New Delhi in 2005. Three of his undergraduate senior design students won the 2007 and 2008 Best Paper Awards from the IEEE Denver Section and the IEEE Solid-State Circuits Society. At UMass Amherst, he was awarded the Barbara H. and Joseph I. Goldstein Outstanding Junior Faculty Award in 2004 and the Lilly Fellowship for 2001-2002.

Dr. Reising is a Senior Member of the IEEE and currently serves as the Vice President of Technical Activities of the IEEE Geoscience and Remote Sensing Society (GRSS). He has been as an elected member of the IEEE GRSS Administrative Committee (AdCom) since 2003, serving as Membership, Chapters and Distinguished Speakers Chair, following 3-year terms as Editor of the GRSS Newsletter (2000-2002) and Associate Editor for University Profiles (1998-2000). He has served as Associate Editor of the *IEEE Geoscience and Remote Sensing Letters (GRSL)* since its founding in 2004. He was a Guest Editor of the July 2007 Special Issue of the *IEEE Transactions on Geoscience and Remote Sensing* on Microwave Radiometry and Remote Sensing Applications.

In terms of organizing scientific meetings, he was one of two equal Technical Program Co-Chairs of the IEEE International Geoscience and Remote Sensing Symposium, IGARSS 2008 in Boston, with over 1700 attendees and over 1700 papers presented. Dr. Reising served as General Chair of MicroRad 2006, the 9th Specialist Meeting on Microwave Radiometry, held in San Juan, Puerto Rico, with 126 attendees from 15 countries. He was the Local Arrangements Chair for IGARSS 2006 in Denver, with over 1250 attendees. Dr. Reising has been an active participant in each IGARSS Technical Program Committee and has served as session chair or co-chair at each IGARSS from 2001 to present.

Dr. Reising was elected as the Secretary of the entire U.S. National Committee of the International Union of Radio Science (USNC-URSI) for the 2009-2011 triennium. He chaired the first International URSI Student Paper Prize Competition at the triennial General Assembly in Chicago in August 2008 and as chair of the annual USNC-URSI Student Paper Prize Competition at each National Radio Science Meeting in Boulder from 2004-2008 and at the URSI North American Radio Science Meeting in Ottawa in 2007. He currently serves as Secretary for Commission F of USNC-URSI (2006-2008) and on the international URSI Standing Committee on Publications. He was previously a USNC-URSI Member at Large (2005-2007) and has organized Special Sessions at many URSI Boulder meetings, as well as the IEEE AP-S International Symposium and USNC-URSI National Radio Science Meeting in Washington, DC in 2005 and the USNC/CNC-URSI North American Radio Science Meeting in Ottawa, Ontario in 2007. Dr. Reising is a member of URSI Commissions F, G, and H, the American Meteorological Society, the American Geophysical Union, Tau Beta Pi and Eta Kappa Nu.