

## **THOMAS E. BERGER**

Director, Space Weather Technology, Research, and Education Center  
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### **Professional Preparation**

Project Management Institute	Professional Project Management	P.M.P. 2016
Stanford University	Applied Physics/Astrophysics	Ph.D. 1996
Stanford University	Mechanical/Aerospace Engineering	M.S. 1990
University of California at Berkeley	Engineering Physics	B.S. 1985

### **Appointments**

2017—present	Founding Director, University of Colorado Boulder Space Weather Technology, Research, and Education Center (SWx-TREC).
2014—2015	Working Group Four Lead, White House OSTP Space Weather Operations, Research, and Mitigation (SWORM) task force.
2014—2017	Director, NOAA/NWS Space Weather Prediction Center, Boulder, CO.
2012—2014	Project Scientist, NSF Daniel K. Inouye Solar Telescope, National Solar Observatory, Sacramento Peak Observatory, New Mexico.
1996—2012	Senior Research Scientist, Lockheed Martin Advanced Technology Center, Solar and Astrophysics Laboratory (LMSAL), Palo Alto, California.

### **Honors and Awards**

HAO distinguished publication award (2013)  
Team Excellence Award: Lockheed Martin Solar-B Science Mission (2008)  
NASA Group Achievement Award: Solar-B Science instrument development (2007)  
Certificate of Appreciation: Lockheed Martin Solar Dynamics Observatory win (2006)  
Lockheed Martin distinguished publication award (2004)

### **Management and Research Experience**

Dr. Berger is the founding Director of the University of Colorado's Space Weather Technology, Research, and Education Center (SWx TREC), the nation's first academic center of excellence dedicated to bridging the space weather research and operational forecasting enterprises. In this capacity he interfaces with the University Chancellor's office, the College of Engineering and Applied Sciences, and University Institutes and departments and external industry and FFRDC partners, coordinating a University-wide approach to space weather research and development. Prior to directing CU's SWx TREC, Dr. Berger was the Director of the NOAA/Space Weather Prediction Center in Boulder, Colorado where he oversaw a federal and contractor workforce of 45 people as a Federal SES employee, managed a \$12M annual budget allocation, and led a multi-agency task force for the White House Office of Science and Technology Policy's Space Weather Operations Research and Mitigation (SWORM) effort. Dr. Berger's research focuses on the measurement and interpretation of the solar magnetic field with a focus on application to space weather models and development of novel space-based instruments and missions.