

Radiometric Calibration Equipment, Capabilities, and Facilities

Hardware and resources to support National and international requirements for radiometric calibration of remote sensing instruments, including long-term trending and performance enhancements of existing facilities

Radiometric Uncertainty Analysis of the GLAMR Calibration Facility

Brendan McAndrew, Joel McCorkel – NASA Goddard Space Flight Center; Julia Barsi – Science Systems and Applications, Inc. (SSAI); Andrei Sushkov – Genesis Engineering Solutions, Inc.

Towards Picowatt Optical Power Measurement using a Frequency Programmable Josephson Voltage Standard

Malcolm White – Colorado University/National Institute of Standards and Technology (NIST); Alain Rufenacht, Anna Fox, Nathan Tomlin, John Lehman, Sam Benz – National Institute of Standards and Technology (NIST); Angela Gamouras – NRC Canada

Compensating for the Polarization Response of VNIR Hyperspectral Imaging Systems

Erica Venkatesulu, Joseph A. Shaw, Riley D. Logan – Montana State University

Development of variable temperature blackbodies for the in-lab broadband end-to-end calibration of Libera and BABAR-ERI at LASP

Julian Gieseler – Laboratory for Atmospheric and Space Physics (LASP), University of Colorado Boulder/Physikalisch-Technische Bundesanstalt (PTB); Graham Dean, Joel Rutkowski, Ginger Drake, Katherine Catani, Cameron Straatsma, Dave Harber, Odele Coddington, Peter Pilewskie – Laboratory for Atmospheric and Space Physics (LASP), University of Colorado Boulder; John Lehman – National Institute of Standards and Technology (NIST)