



Glory Science and Engineering Experts

Michael I. Mishchenko

Project Scientist

Goddard Institute for Space Studies

Michael I. Mishchenko is a senior scientist at the NASA Goddard Institute for Space Studies (GISS) in New York City and the project scientist for the NASA Glory Satellite Mission. His research interests include electromagnetic scattering, radiative transfer, and remote sensing. Mishchenko was a project manager for the NASA/WCRP Global Aerosol Climatology Project (1998–2002) and has been the Glory Project Scientist since 2003. He is a recipient of the N. P. Barabashov Award of the NASU, the Henry G. Houghton Award of the American Meteorological Society, the Arthur S. Flemming Award of the George Washington University, the NASA Exceptional Scientific Achievement Medal, and 11 other NASA awards.

Brian Cairns

APS Instrument Scientist

Goddard Institute for Space Studies

Brian Cairns has been a scientist with the National Aeronautics and Space Administration (NASA) at Goddard Institute for Space Studies (GISS) in New York City since 2007. In this role, he has worked on the development of the Aerosol Polarimetry Sensor (APS) and the Cloud Cameras (CCs) for the NASA Glory mission and serves as instrument scientist for these instruments. He is also the developer of the data processing system for the APS and cloud camera data at GISS that will derive the geophysical products from the APS and cloud camera data. He and his colleagues at GISS perform research on advanced numerical techniques for retrieving information from multi-spectral and multi-angle data that are being used in this data processing system.

Greg Kopp

TIM Instrument Scientist

Laboratory for Atmospheric and Space Physics

Greg Kopp, the TIM Instrument Scientist for the Glory mission, is an experimental solar physicist and instrumentation scientist. He's a specialist in radiometry, interferometry, electro-optics, and infrared systems, as well as satellite, airborne, and ground-based facility instrumentation. Kopp has worked at the Laboratory for Atmospheric and Space Studies at the University of Colorado, Boulder for 9 years. His mission experience includes: Hyperspectral Imager Instrument Incubator Program Principal Investigator, TSI Radiometer Facility Principal Investigator, SORCE Co-Investigator and TIM Instrument Scientist, NPOESS/TSIS/TIM Instrument Scientist.

Bryan Fafaul

Project Manager

Goddard Space Flight Center

Bryan Fafaul has worked at the Goddard Space Flight Center for more than 22 years in a wide variety of technical and management positions. Bryan started his career in Electrical, Electronic, and Electromechanical (EEE) Parts Branch and then moved into project management. Prior to his current mission, he has served as the Mission Manager for the Wide-Field Infrared Explorer (WIRE), the Hubble Space Telescope (HST) Instrument Systems Manager for Servicing Mission 3A, 3B and 4, the Deputy Project Manager for The NPOESS Preparatory Project (NPP).

To schedule an interview with a Glory expert, please contact:

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