

**NASA SPoRT AND MARSHALL SPACE FLIGHT CENTER (MSFC) LIGHTNING GROUP BLOG POST** (email to: [christopher.j.schultz@nasa.gov/256-961-7856](mailto:christopher.j.schultz@nasa.gov/256-961-7856)): NASA SPoRT and the MSFC Lightning Group have collaborated on a blog post performing some forensic meteorology on a photo from Commander Scott Kelly on the International Space Station which received a lot of attention over the weekend (<https://twitter.com/stationcdrkelly/status/690905921980080130>). Working with Johnson Space Center, we synced the photo with lightning and satellite data to show where in the storm the flash occurred, and highlighted future measurements from ISS-LIS and GLM and how they will benefit science and the public. The blog is posted here: <https://nasasport.wordpress.com/>.

**US ARMY SPACE & MISSILE DEFENSE COMMAND (SMDC) INTERESTED IN PRECIPITATION SCIENCE** (email to: [patrick.gatlin@nasa.gov/256-961-7910](mailto:patrick.gatlin@nasa.gov/256-961-7910)): Patrick Gatlin (ZP11) gave a presentation on rainfall measurements at a recent U.S. Army SMDC Concepts Analysis Laboratory project meeting. As a result, the SMDC Technical Center has exhibited an interest in utilizing the precipitation science expertise at NASA's Marshall Space Flight Center. The ZP11 precipitation science group, which is led by Walt Petersen, is brainstorming ideas where such potential collaborative opportunities could be leveraged to achieve NASA's strategic goals for Earth Science.

**SERVIR HUB PRESENTATIONS TO NASA/USAID LEADERSHIP** (email to: [cindy.stemple@nasa.gov/256-961-7701](mailto:cindy.stemple@nasa.gov/256-961-7701)): Several members of the SERVIR Science Coordination Office attended and participated in various hub presentations to NASA and U.S. Agency for International Development (USAID) Leadership 14-15 January in Washington, DC. Leadership from SERVIR-Mekong, SERVIR-Himalaya, and SERVIR-Eastern and Southern Africa hubs presented their new work plans, 2016 meeting schedules, and discussed leveraging NASA Earth Science Research & Analysis and Applied Sciences Program portfolios to complement/strengthen hub activities.

**WAAY-31 INTERVIEW ABOUT HURRICANE IMAGING RADIOMETER (HIRAD)** (email to: [daniel.j.cecil@nasa.gov/256-961-7549](mailto:daniel.j.cecil@nasa.gov/256-961-7549)): Television station WAAY-31 (ABC affiliate in Huntsville) reporter Josh Barrett interviewed NASA MSFC Dan Cecil (ZP11), with questions about the HIRAD. Cecil described the HIRAD measurement approach, and its purpose of mapping surface wind speeds in hurricanes. When and whether this will be featured on a WAAY newscast is yet to be determined.

**PARTICIPATION IN PROPOSAL REVIEW** (email to: [cindy.stemple@nasa.gov/256-961-7701](mailto:cindy.stemple@nasa.gov/256-961-7701)): Several members of the SERVIR Science Coordination Office attended the Step 1 Panel Review of 99 proposals for the next SERVIR Applied Sciences Team. SERVIR hub leadership and scientific experts from around the U. S. attended this review January 11-13, 2016 in Washington, DC.

**NASA RESEARCH OPPORTUNITIES IN THE SPACE AND EARTH SCIENCES (ROSES) PROPOSAL PANEL** (email to: [walt.petersen@nasa.gov/256-961-7408](mailto:walt.petersen@nasa.gov/256-961-7408); [jason.b.roberts@nasa.gov/256-961-7477](mailto:jason.b.roberts@nasa.gov/256-961-7477)): Walt Petersen and Jason (Brent) Roberts served on the NASA ROSES New Investigator Proposals Panel, January 19-21, 2016, held in Washington D.C.

#### **PUBLISHED PAPERS**

(email to: [walt.petersen@nasa.gov/256-961-7408](mailto:walt.petersen@nasa.gov/256-961-7408)): Walt Petersen (ZP11) is a coauthor on two recently accepted papers: 1) T. Petäjä et al., 2016. "BAECC A field campaign to elucidate the impact of Biogenic Aerosols on Clouds and Climate." Bull. Amer. Meteorol. Soc., in press; 2) Jensen, M., W. A. Petersen, et al., 2016: The Mid-Latitude Continental Convective Clouds Experiment (MC3E), 2016. Bull. Amer. Meteorol. Soc., in press.