

### Demonstrations

D1 and D2: Hands on Training with McIDAS-V and The HTML5 Image AnimationS Web App (HAniS) (B. Connell, E. Dagg) (Both at link; HAniS at bottom)

[http://rammb.cira.colostate.edu/training/rmtc/mcv\\_exercises.asp](http://rammb.cira.colostate.edu/training/rmtc/mcv_exercises.asp)

D3: SLIDER Demo (Kevin Micke) <http://rammb-slider.cira.colostate.edu>

D4: CoCoRAHS (Henry Reges, Noah Newman) <https://www.cocorahs.org/>

D5 and D6: GOES-R and JPSS: Demo of the Advanced Weather Information Processing System (AWIPS) and Satellite Training Modules and Quick Guides (Dan Bikos, Jorel Torres)

[http://rammb.cira.colostate.edu/training/visit/quick\\_reference.asp](http://rammb.cira.colostate.edu/training/visit/quick_reference.asp)

### Posters

P1: Cloud-Cleared Background Images from ABI/AHI (Matt Rogers)

P2 and P3: GOES-16 ABI Observations of Lower Tropospheric Structures of Water Vapor at 1.38  $\mu\text{m}$  and GOES-16 ABI Channel Differencing Used to Reveal Cloud-free Zones of 'Precursors of Convective Initiation' (Louie Grasso)

P4 and P5: Connecting with Operational Forecasters in the GOES-16 Era via the NOAA Satellite Proving Ground Program and Using Polar-Orbiting Satellites to Monitor the Upper Atmosphere for Cold Air Pockets that are Potentially Dangerous to Passenger Aircraft (Jack Dostalek)

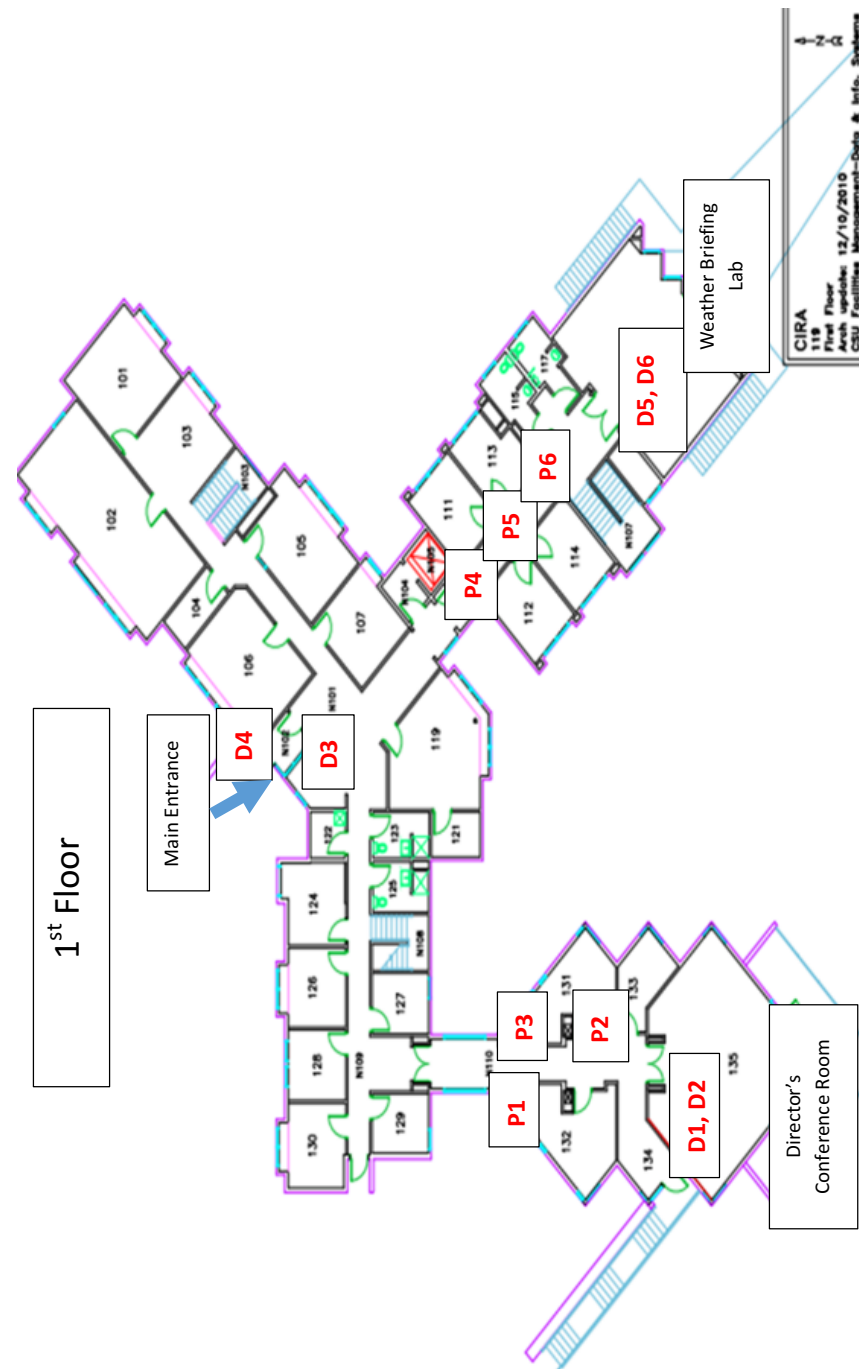
P6: Liquid-Top Mixed-Phase Cloud Detection from Shortwave-Infrared Satellite Radiometer Observations (Yoo-Jeong Noh)

P7: Diagnosing Large-scale Tropical Cyclone Model Moisture and Exploring Impacts on Track and Intensity (Chris Slocum)

P8: Satellite Views of the Tropical Cyclone Life Cycle (John Knaff)

P9: Using JPSS Retrievals to Implement a Multisensor, Synoptic, Layered Water Vapor Product for Forecasters (John Forsythe)

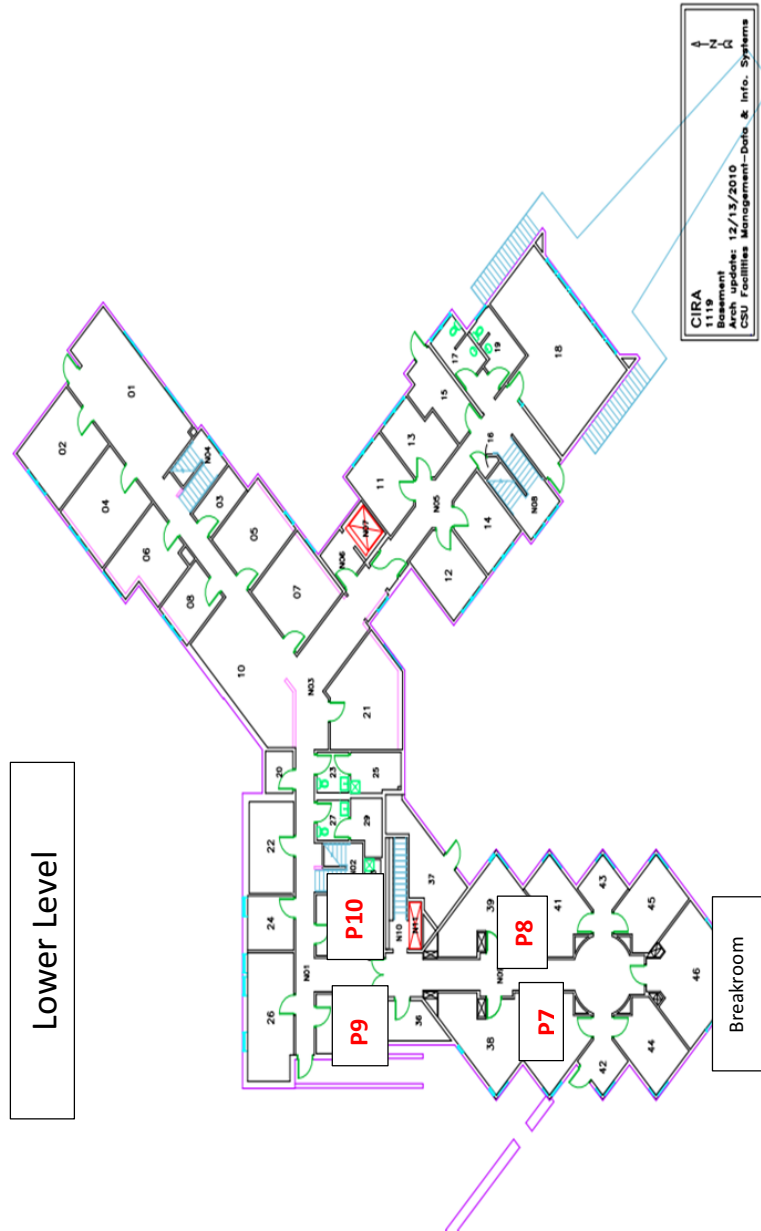
P10: JPSS and GOES-R Multispectral Imagery Applications and Product Development at CIRA (Curtis Seaman)



# “CIRA Marketplace”

11:30-12:30 July 19, 2018

WMO Virtual Lab Management Group Meeting



Dear VLMG Participants,

Welcome to the “CIRA Marketplace”. At various locations around the CIRA building, six demonstrations and ten posters have been set up for you to visit. The emphasis of the marketplace is the research to operations process. To answer questions you may have, each demonstration and poster is represented by one or more CIRA researchers. The demonstrations and posters are labeled according to the list given below. A map is also provided to help you find your way to the displays. Other posters not explicitly part of this session are on display as well. Feel free to take a look at these also, and if you have any questions, ask any of the marketplace participants. They can either answer your question directly or find someone who can. Enjoy!