UNDERSTANDING AND USING GOES-16/17 DATA AND PRODUCTS FOR BROADCAST FORECASTING

47th CONFERENCE ON BROADCAST METEOROLOGY/FOURTH CONFERENCE ON WEATHER WARNINGS AND COMMUNICATION

SHORT COURSE ORGANIZER
Janel R Thomas

TUESDAY JUNE 11, 2019

8:30 A.M. INTRODUCTION AND OVERVIEW
Arrival, instructors & attendee introductions, GOES-R Series basic information and summary of the planned activities for the day.

9:00 A.M. ADVANCED BASELINE IMAGER (ABI) BASICS
Instrument basics: refresh rates, coverage, what the bands actually see, etc.

10:00 A.M. COFFEE BREAK

10:15 A.M. DERIVED PRODUCTS 1 (STABILITY INDICIES, FIRE)
Combined instruction and guided hands-on activities for each topic.

11:15 A.M. GEOSTATIONARY LIGHTNING MAPPER (GLM)
Instruction and guided hands-on activity.

12:00 P.M. LUNCH BREAK (ON YOUR OWN)

1:00 P.M. DERIVED PRODUCTS 2 (CONVECTIVE, HURRICANES, WINDS)
Combined instruction and guided hands-on activities for each topic.

2:15 P.M. TEAM HANDS-ON ACTIVITIES
Small teams (determined by class size) will be challenged to produce forecasts for the public using only GOES-16/17 data (and select additional information). Each team will be provided with a scenario and the associated data.

3:00 P.M. COFFEE BREAK

3:15 P.M. TEAM HANDS-ON ACTIVITIES (CONTINUED)

4:00 P.M. TEAM PRESENTATIONS
Each team will choose one or more members to present their forecasts to the class as if they were live on air or online.

5:00 P.M. Q&A/COURSE EVALUATION

5:30 P.M. Q&A/COURSE END