

**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 and Michelle Smith

TUESDAY JUNE 11, 2019

8:30 AM TO 5:30 PM

CABRILLO BALLROOM 1

- 8:30 A.M.** **INTRODUCTION AND OVERVIEW (Presenter: Chris Schmit)**
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 (Presenter: Scott Lindstrom)**
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 INDICES, FIRE) (Presenter: Chris
Schmidt)**
Combined instruction and guided hands-on activities for each topic.
- 11:15 A.M.** **GEOSTATIONARY LIGHTNING MAPPER (GLM) (Presenter: Jonathon Wynn
Smith)**
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) (Presenter:
Scott Lindstrom)**
Combined instruction and guided hands-on activities for each topic.
- 2:15 P.M.** **TEAM HANDS-ON ACTIVITIES (Moderator: Chris Schmidt)**
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.** **COURSE END**