**AOSS Short Course: GOES-R ABI Preview for Students**

**May 18, 2016 (Wednesday): AOSS Building Room 1411, Madison, WI**

**Tim Schmit (NOAA/NESDIS), Mat Gunshor, Chris Schmidt, Jordan Gerth, Scott Lindstrom, Kathy Strabala (CIMSS)**

9:30 am Introductions. GOES-R Overview… Mat Gunshor

10:00 am Advanced Baseline Imager (ABI)…. capabilities, products, and concept of operations…Tim Schmit

10:30 am **BREAK**

10:45 am Hands-on Exercise 1: Utilizing ABI’s 16 channels to identify various atmospheric and surface features… Kathy Strabala

12:15 pm **Lunch: (Room 823)** Presentation: Satellite Meteorology and CIMSS… Steve Ackerman

1:00 pm Hands-on Exercise 2: Exploiting ABI multi-spectral capabilities… Scott Lindstrom

2:30 pm **BREAK**

2:45 pm Hands-on Exercise 3: ABI Weighting Functions and RGB… Jordan Gerth

3:45 pm GOES-R derived products… Chris Schmidt

4:15 pm **BREAK**

4:30 pm Q&A and Short Course evaluations

5:30 pm End of short course

Useful links: <http://cimss.ssec.wisc.edu/goes/shortcourse/austin2016.html>

Presentations: <ftp://ftp.ssec.wisc.edu/ABI/AOS2016/>

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