AMS Short Course: GOES-R and JPSS Preview for Users

Updated 01/06/2016

January 10 (Sunday): Ernest N. Morial Convention Center, Room #355 (3rd floor) New Orleans, LA
Co-Chairs: Steve Goodman, Jim Gurka, Tim Schmit

8:30 am	Pre-course assessment (Patrick Dills)
9:00 am	Introductions (Jim Gurka)
9:10 am	NOAA NESDIS and GOES-R overviews (Steven Goodman: GOES-R Program Scientist)
9:20 am	The GOES-R Advanced Baseline Imager (ABI) overview using Advanced Himawari Imager (AHI) as proxy…capabilities, products and concept of operations (Tim Schmit)
10:00 am	Hands-on exercise showcasing ABI's 16 channels with improved spatial resolution and temporal refresh rate (plus Weighting Functions and RGB ABI examples) (Mat Gunshor, Chris Schmidt, Tim Schmit, Jordan Gerth)
10:40 am	BREAK
11:10 am	Geostationary Lightning Mapper (GLM) capabilities and forecast applications (Steve Goodman)
11:45 am	Hands-on exercise: case studies using GLM for severe thunderstorm warnings (Steve Goodman, Jason Burks, Michael Folmer)
12:00 pm	Lunch speaker (Marshall Shepherd)
1:15 pm	Introduction to GOES-R derived products (Chad Gravelle)
1:45 pm	Hands-on exercise: case studies demonstrating GOES-R derived products (Chad Gravelle, Chris Schmidt)
2:30 pm	BREAK
3:00 pm	JPSS satellite introduction (Mitch Goldberg)
3:20 pm	NUCAPS algorithm description and hands-on exercise (Dan Nietfeld)
4:00 pm	VIIRS Day/Night Band capabilities COMET module (Steve Miller)
4:30 pm	Discussion and Q&A session
5:00 pm	Post-course satellite knowledge assessment/AMS post-course assessment
5:30 pm	Announcements, certificate ceremony and end of short course