

**S04-3**

**Towards GOES-R Launch: An Update on GOES-R Algorithm and Proving Ground Activities**

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This talk will highlight many of the ongoing algorithm, calibration/ validation, and proving ground activities that are underway in anticipation of the GOES-R launch in 2016. The GOES-R Algorithm Working Group continues to exercise the baseline Level-2 algorithms on the best available GOES-R proxy data as well as the calibration/validation tools it has developed. The availability of the data from JMA's Himawari-8/Advanced Himawari Imager (AHI) together with the fruitful collaboration between JMA and NOAA to analyze and understand the performance of the AHI has been of tremendous benefit to the AWG algorithm teams as they are now actively leveraging these data to more fully test and validate their baseline algorithms developed for GOES-R. While preparatory activities involving the GOES-R baseline algorithms are in full swing, the GOES-R Program Science Office is championing and coordinating the planning, development, and demonstration of products and applications beyond the baseline that are expected to bring benefits to field forecasters, numerical weather prediction, and decision makers. The latest status on these activities will be highlighted in this talk.