



Satellite Direct Readout Events

Session: CSPP software supporting Suomi NPP

Date: 9 April 2014, 14:00 UTC

Presenter: Liam Gumley – University of Wisconsin-Madison, USA

Abstract:

The Community Satellite Processing Package (CSPP) is a software package for processing direct broadcast data from polar orbiting satellites including Suomi NPP, POES and Metop. CSPP builds on the heritage of the IMAPP, IAPP, and ITPP developed at CIMSS/SSEC since 1985 by providing easy to install and easy to run software for processing VIIRS, CrIS, and ATMS data from Suomi NPP from RDR to SDR and EDR.

The CSPP uses the JPSS Algorithm Development Library (ADL) as a foundation for Suomi NPP, but it also offers software for processing data from POES and Metop, and eventually will support FY-3. This presentation will cover the overall goals for CSPP; the software design, testing, and packaging; the products created by the software; applications of the products at customer sites including the National Weather Service, and future development plans.