

**CCSDS Multispectral & Hyperspectral Data Compression Working Group**  
**Spring 2018 Meeting Agenda – Gaithersburg, Maryland USA**  
(Draft of March 28, 2018)

**Apr 10 (TUE) – AM (8:45–12:30)**

- CCSDS-123.0-B-2: Issue 2 extension of CCSDS-123.0-B to provide near-lossless compression of multispectral & hyperspectral imagery:
  - Redesigned entropy coder (MHDC-A-1711-3) – JPL
  - Compression artifacts from varying quantizer fidelity settings – PoliTo
  - Band-dependent error limits under BSQ ordering – ALL
  - Two-dimensional supplementary information tables – ALL
  - Cross-verification progress / Yellow Book (MHDC-A-1711-5) – UAB, JPL, GSFC, UDRI

**Apr 10 (TUE) –PM (13:30–17:30)**

- CCSDS-124.0-B: Compressing Spacecraft Housekeeping Telemetry Data
  - Review data sets for testing/evaluation (MHDC-A-1711-2(a)) – ESA/ALL
  - Establish selection criteria (MHDC-A-1711-2(b)) – ESA/ALL

**Apr 11 (WED) – AM (8:45–12:30) & PM (13:30–17:30)**

- EO-ALERT: Next Generation Satellite Processing Chain for Rapid Civil Alerts – PoliTo
- Interpreting the CCSDS-121.0-B standard – ESA (Santos)
- CCSDS-120.2-G-2: Green Book revision to cover new features introduced in Issue 2 revision of CCSDS-123.0-B
  - Identify topics to be added or revised in current Green Book – ALL
  - Writing assignments
- Review outstanding action items
- Wrap up, assign new action items