

**CCSDS Multispectral & Hyperspectral Data Compression Working Group**  
**Spring 2016 Meeting Agenda – Cleveland, OH, USA**  
(Draft of March 17, 2016)

**Apr 5 (TUE) – AM (8:45–12:30) & PM (13:30–17:30)**

- Brief status updates:
  - Green Book CCSDS-120.2-G, *Lossless Multispectral & Hyperspectral Image Compression* – JPL
  - Additional hyperspectral test images (MHDC-A-1510-1) – JPL
- CCSDS-122.1-B, *Spectral Pre-processing Transform for Multispectral & Hyperspectral Image Compression*:
  - Hardware implementation impact of mean & variance scaling (MHDC-A-1510-2) – ULPGC
  - Cross-verification & Yellow Book status (MHDC-A-1510-3) – UAB, GSFC
  - Review of latest white book draft (MHDC-A-1510-4, -5, -6) – UAB, ALL
  - Outline of Green Book (MHDC-A-1510-7) – UAB
  - Plans for promotion to Red Book – ALL

**Apr 6 (WED) – AM (8:45–12:30) & PM (13:30–17:30)**

- CCSDS-123.1-B: Extension of lossless CCSDS-123.0-B-1 to provide near-lossless compression of multispectral & hyperspectral imagery – ALL
  - Overview of proposed compression approaches (MHDC-A-1510-8, -11)
    - ESA
    - JPL
    - others?
  - Review rate-distortion performance results for proposed compressors (MHDC-A-1510-9, -10) – ULPGC
  - Discussion of proposed compressors; identify remaining information needed to select an approach for standardization

**Apr 7 (THU) – AM (8:45–12:30)**

- Continue discussion of CCSDS-123.1-B, as needed
- Review outstanding action items
- Wrap up, assign new action items