



# CSA Perspective

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JEAN DUPUIS  
SENIOR MISSION SCIENTIST, CSA



# Programmatic activities at CSA

- New science support contribution agreement with science team (U de Montréal) in preparation.
- Finalizing Collaboration Agreement with the National Research Council (NRC) (funding of 4 CSA scientists at STSci).
- Preparing for Cycle 2 grant funding opportunity (lessons learned from Cycle 1).
- Finalizing arrangements for engineering support during operations (in collaboration with PSPC).

# Science team

- Science team coordination (monthly meeting, planning and execution of GTO projects).
  - Several papers in preparation
  - 57% of Canadian GTO time scheduled in Cycle 1
- Continuing improvements of software tools for NIRISS SOSS and AMI modes (image simulator, spectral trace/closure phase extraction, light curve analysis).
- Publications about the FGS and NIRISS almost ready for publication (modes descriptions, simulations).
  - One publication for each mode, SOSS, AMI, WFSS, one NIRISS overview, and one FGS overview (target date for publication before start of operations)
- Commissioning / wrapping up analysis and various reports.
- Major effort by CSA communications and science team for the release of first images (July 12 event).

# Support during mission

- Phase E plan mostly approved:
  - To maintain CSA-funded astronomers at STScI during mission
  - To provide engineering support
  - To continue supporting the Canadian science team to maximize science return of JWST
  - To establish a JWST grants program for the duration of the mission

# JWST Canadian mirror archive

- CSA is funding CADC to establish a JWST mirror archive in Canada.
  - Synchronization of metadata and public data files successfully operating since ERO release.
- A JWST Science Platform on CANFAR cloud infrastructure allows JWST users to process and analyze datasets with Jupyter notebooks and visualization tools.
  - The platform is operational and in use by a several JWST teams
  - Over 30 JWST users of CANFAR Science Portal



Thank you!

# Canadian Space Agency



# Agence spatiale canadienne