



# CSA Perspective

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JEAN DUPUIS  
SENIOR MISSION SCIENTIST, CSA



# News/updates

- FGS and NIRISS in good health
  - But NIRISS anomalies under investigation
- Cycle 1, ERS and GTO
  - Over 30 first author publications
- Cycle 2
  - 28 grants approved Cycle 3 (all applicants approved)
  - 9 PI, 11 Co-PI, 92 Co-I (1 PI to be added that will move to Canada)
  - Close to 5% share (almost 7% including Co-PI proposals)

# Programmatic activities at CSA

- CSA staffing at STScI
  - 3 positions filled (1 FGS, 2 NIRISS)
  - 1 more position to be filled through a CSA hiring process
- CSA AOs for JWST grant funding
  - Cycle 3 grant AO to be released in the Spring
- Engineering support contract
  - Long term contract under negotiation with Honeywell
- Communications
  - CSA comms department working closely with NASA and STScI to promote Webb results through CSA website/social media
  - JWST CSA website

# Science team

- Science team coordination (planning and execution of GTO projects).
  - About two dozen publications so far from the CANUCS and NEAT GTO programs.
  - Projects nearing completion.
- Continuous improvements of software tools for NIRISS SOSS and AMI modes (image simulator, spectral trace/closure phase extraction, light curve analysis).
- 5 scientists at U de Montréal (René Doyon (PI), Loïc Albert, Neil Cook, Étienne Artigau and Nathalie Ouellette)
- Public outreach, media exposure
  - Press releases from U de Montréal, Saint Mary's University, University of Alberta
  - Public presentations
  - Media interviews

# 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
  - Over 100 projects (beyond JWST) making using use of the CANFAR Science Platform (CSP) (CASTOR, SKA, etc.)



**Thank you!**

# Canadian Space Agency



# Agence spatiale canadienne