

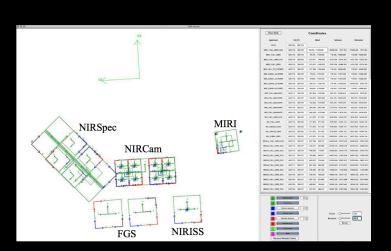
Outline of Presentation

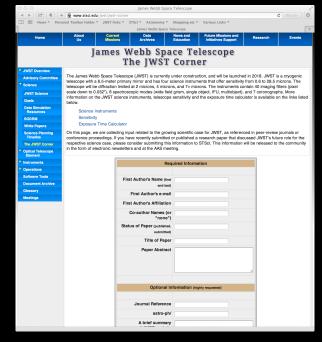
- STScI SOC Role and Organization
- Timeline
- JWST Tools
- Interface to the Community

Guiding principles

- Enable the best science from JWST
- Implement the science and mission ops for JWST
- Maintain community
 awareness and support for
 JWST



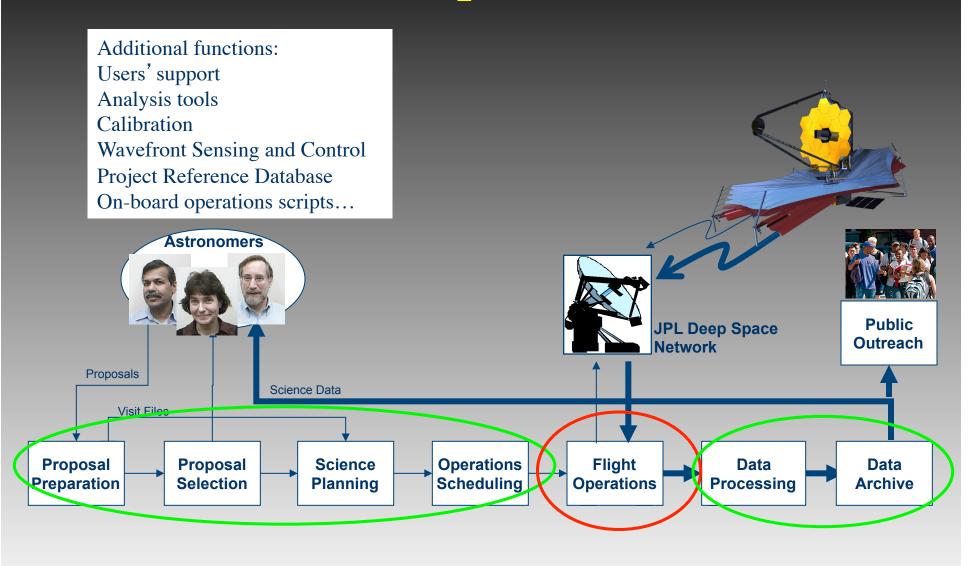




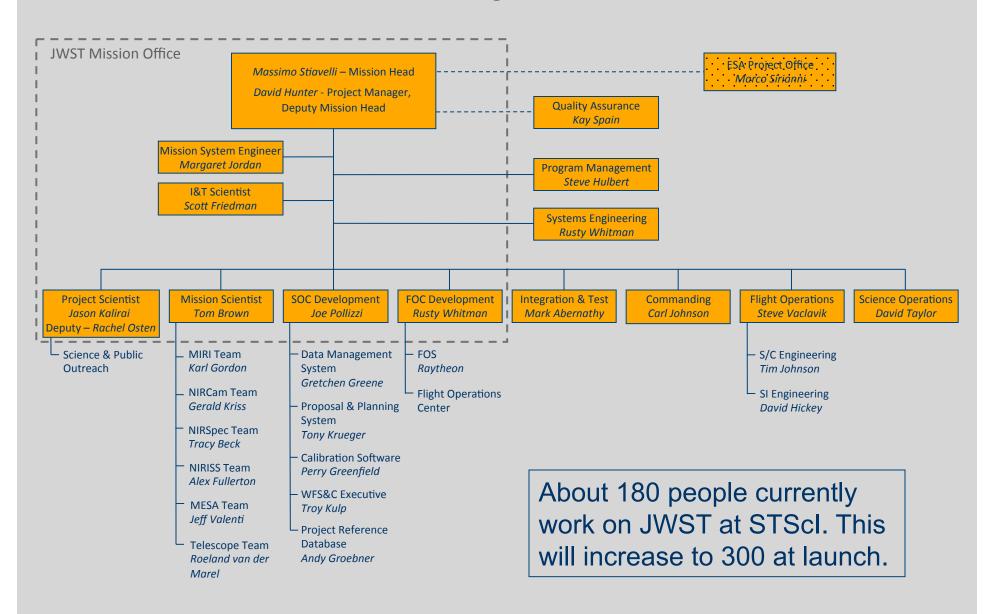
STScI Roles in JWST

- Manage the science program from observing program solicitation and selection to grants management and science outreach support.
 - STScI Director is the selecting official for observing time
- Operate JWST beginning in commissioning (new compared to HST)
- Develop the science and operations ground systems
- Perform ground segment verification and end to end testing
- Participate with the Project and JWST teams in flight segment development:
 - Mission architecture & systems engineering
 - Science instruments and Integrated Science Instrument Module
 - Telescope optics and wavefront sensing and control
 - Flight Software
 - Science and Operations input into design and test processes
- Scientific and Public Outreach
- Apart from Institute's role as S&OC, we also have the Telescope Scientist (Matt Mountain) and an Interdisciplinary Scientist (Massimo Stiavelli)

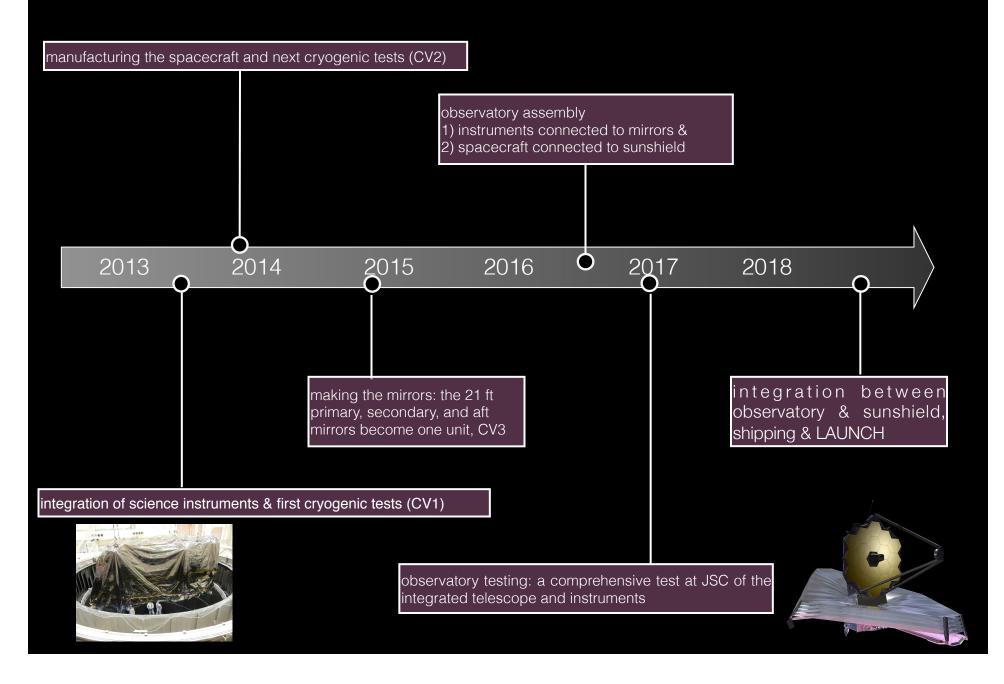
Science and Operations Center



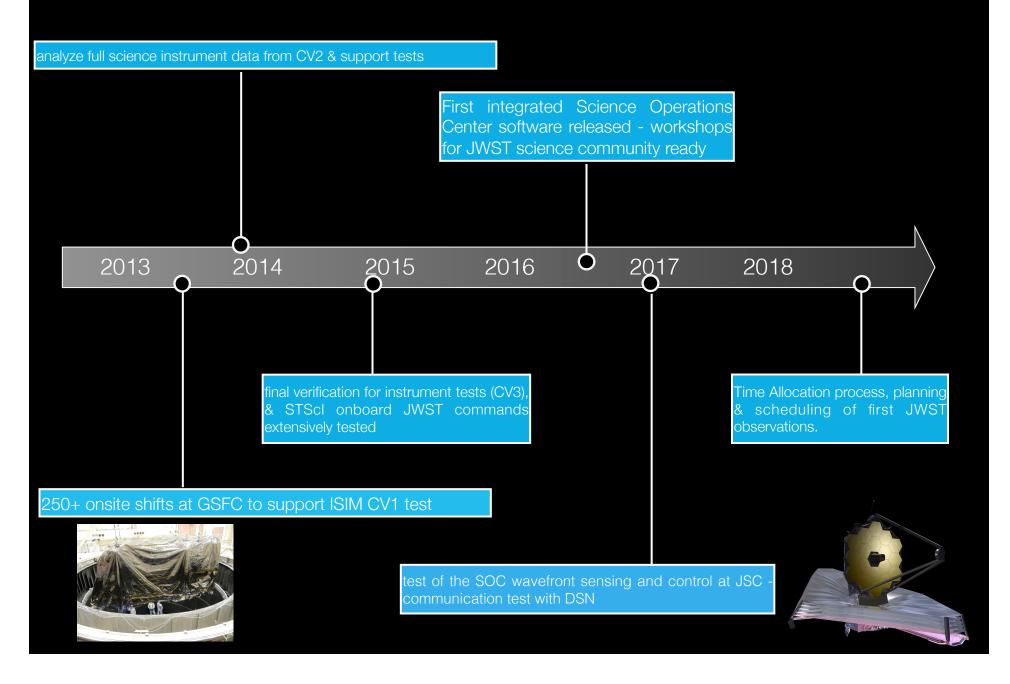
JWST Mission Organization – STScl



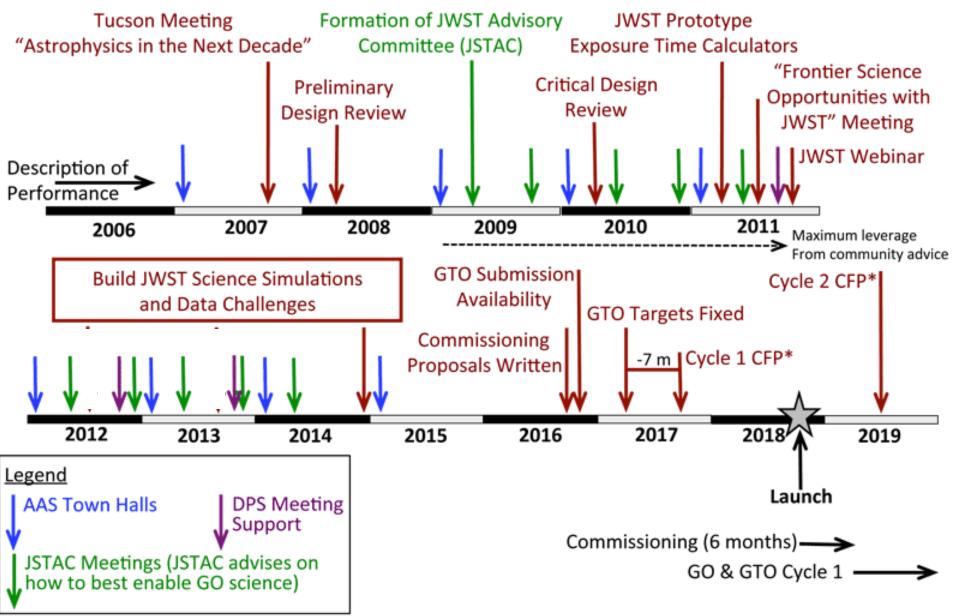
NASA JWST Major Events to launch



STScI JWST Major Events to launch

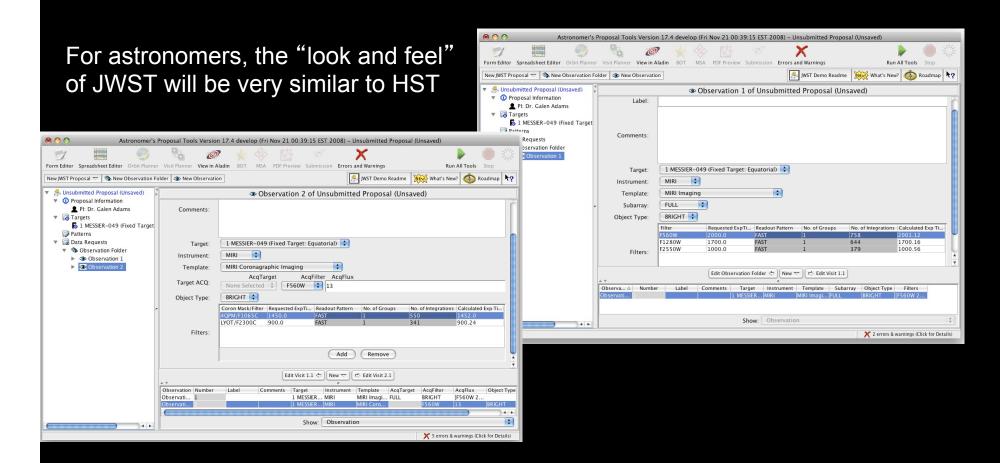


JWST Science Planning Timeline (CY)



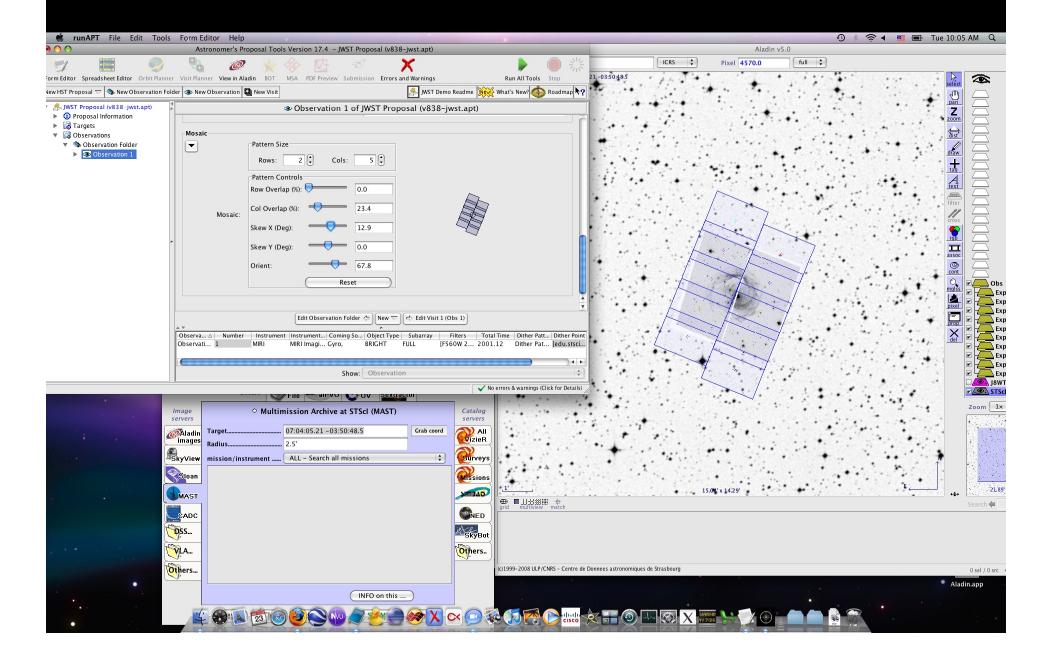
^{*}The Call for Proposals (CFP) will describe science programs: GTO, GO/GTO split, Legacy/Key/Large program guidelines, etc.

The Astronomer's Proposal Tool (APT) has templates for all four instruments



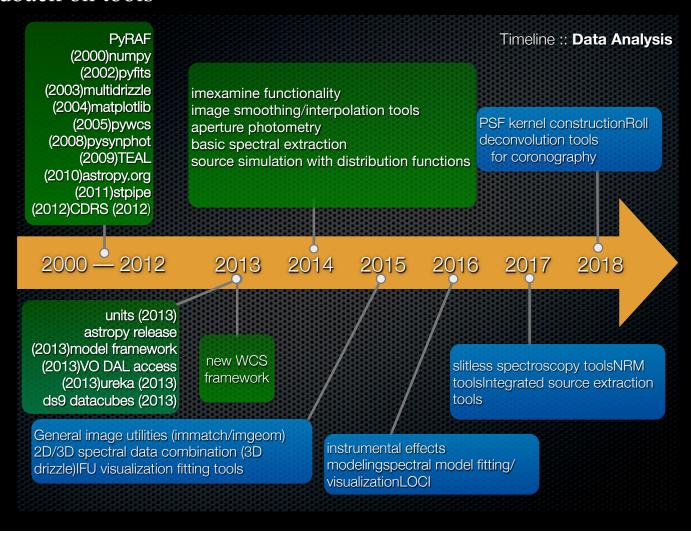
(download at http://www.stsci.edu/hst/proposing/apt)

Mosaic Tool



Data Processing Workshop

First planned for ~March 2015, based on availability of tools by end of CY2014, annual event thereafter. Interactive workshop will allow feedback on tools



Interface to the Community

• Science Working Group includes several "Europeans"













• JWST Advisory Committee





- User Committee (in the future)
- Regular American Astronomical Society presence