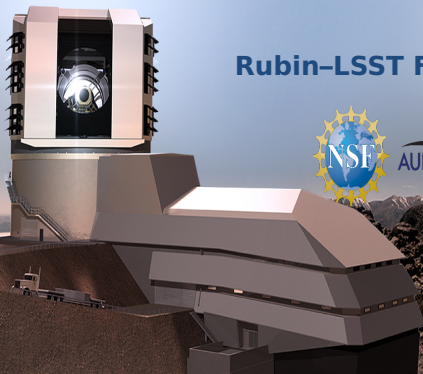
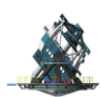


Rubin, DESC and LSST France updates

J. Bregeon, CNRS/IN2P3/LPSC

Rubin-LSST France, Grenoble, June 7th 2023

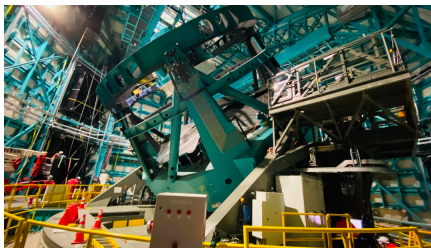




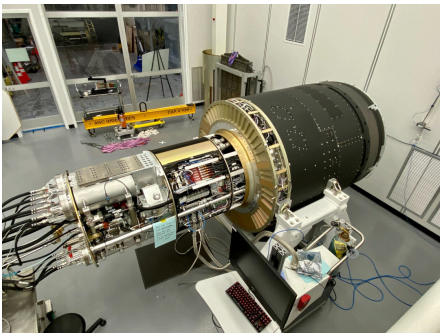
- 1 Rubin project news
- 2 DESC updates
- 3 Rubin-LSST France



- Dome received its aluminium cladding: Full completion of dome construction is expected by early 2024.
- Telescope Mount Assembly designated as substantially complete at the end of March.
- Mirrors: Testing of the **M1M3 cell assembly** is underway on the summit, with the team focusing on cell performance in parallel with balancing the TMA.
- Engineering data flowing to USDF



Wiring, before closing it up ↓



Closed, vertical on test stand, CCOB ready below ⇒



Run 6 starting now

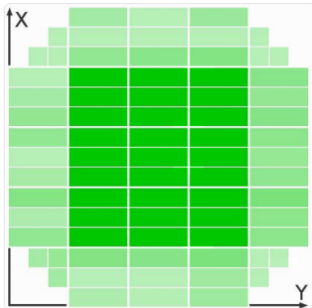
- preparatory phase
 - Cool down, turn on the electronics, fix the DAQ
 - Turn on sensors... readout the full focal plane!
- data taking with **CCOBs**
 - ~ 2 months of data taking
 - final Electro-Optical tests (dense PTC)
 - integrated camera throughput characterization (**FES**)
 - optical system alignment verification (**ghosts**)

⇒ focal plane parallel session on Thursday



Yousuke Utsumi 2:58 AM
added 90W

All the REBs are on
image.png



3 2

– Current observatory schedule

- September 2023: Camera pre-ship review at SLAC
- March 2024: Dome complete
- July 2024: LSSTCam ready for on-sky photons
- October 2024: First Light!
- February 2025: Completion of Science Validation Surveys
- March 2025: LSST starts. . .

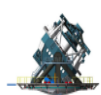
– Meetings ahead

- DPO Virtual Summer School, scheduled for June 12–16, 2023
- LSST Community Photo-Z Virtual Symposia (June 27th, and November) — [link](#)
- Rubin 2023 Project & Community Workshop, Tucson, AZ, August 7-11, 2023
- LSST@Europe5, Poreč, Croatia, September 25–29, 2023



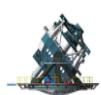
- New spokesperson election
- Updated policies
- French coordinators
- Dark Energy Science Collaboration (DESC) Meeting, SLAC, July 24-28





- New spokesperson election
 - **Renée Hlozeck** was elected, and will start on July 1st
 - Thanks Eric for running!
- Updated policies
- French coordinators
- Dark Energy Science Collaboration (DESC) Meeting, SLAC, July 24-28





– Government Plan

- If the DESC spoke is not US based, then the contact person to US funding agencies is the Rubin Operations Manager

– External Collaborator Policy (discussions until June 13th)

- adds an additional check of potential external collaborators by the Spokesperson (SP) team for previous violations of code of conduct policies within DESC, other collaborations, institutions, or professional societies
- ensures that a person removed from the DESC cannot re-enter the collaboration via an external collaborator agreement
- make explicit in the policy that approved external collaborator proposals are recorded in a central place, visible to the collaboration





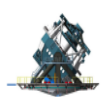
- Technical Working Groups
 - Sensor Anomalies (SAWG): Claire Juramy
 - Photometric Corrections (PC): Sylvie Dagoret-Campagne
 - Blending (BL): Cyrille Doux
- Analysis Working Groups
 - Clusters (CL): Celine Combet
 - Observing Strategy (OS): Philippe Gris (**update today!**)
- Topical Teams
 - Bayesian Pipelines: François Lanusse
 - Blending Toolkit: Thomas Sainrat
 - Cluster Weak Lensing Mass Modeling: Michel Aguena, Marina Ricci
 - Difference imaging analysis (DIA): Benjamin Racine
 - Machine Learning for Transient Science: Benjamin Remy
- and also members of . . .
 - Collaboration council, advisory board, publication board, speakers bureau, meetings committee, Ombudspersons, operations committee and pipeline scientists!





- You have a new PI. . . Thanks Pierre!
- Code of Conduct and Equity, Diversity, Inclusion and Mediation (EDIM)
- Discussion with CC-IN2P3 (and RubinOP)
- Brainstorming on our scientific organization (Thursday afternoon)
- Opening our community beyond cosmology (today!)
- IN2P3—Rubin MoU update and commissioning





- IN2P3 head has now (re-)defined its formal involvement
 - A new MoU is being written to formalize the agreement:
 - Main items
 - Construction and maintenance of the Camera
 - 40% of data processing (**computing talk this afternoon**)
 - Items for which the contribution level is still to be defined
 - Science Pipeline Development in the LSST DESC
 - Computing Resources for the LSST DESC
 - Commissioning Support: incorporated when done
 - Hardware Calibration
 - AuxTel
 - Pixel Level Commissioning, Data Quality, and On-Sky Calibration
 - Object Detection, Weak Lensing and Deblending
- ⇒ Work on-going now to clearly summarize the main items for what needs to be signed shortly





- Rubin
 - from commissioning to survey operations

- DESC
 - from commissioning to early science

- Rubin–LSST France
 - develop and evolve our community to get ready for real data
 - secure fundings
 - position within Rubin and DESC



Eric



Cécile