

National Aeronautics and
Space Administration



Early Career Network lighting talk

Code TI: Intelligent Systems Division

Roberto Carlino

**Autonomous Systems
and Robotics**

**Collaborative &
Assistant Systems**

**Robust Software
Engineering**

NASA Ames – Intelligent Systems Division

**Discovery and Systems
Health**



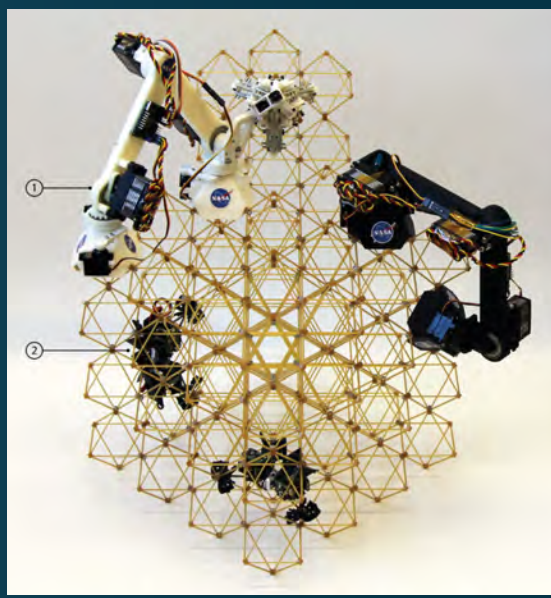
Autonomous Systems and Robotics



**Atacama Rover Astrobiology
Drilling Studies (ARADS)**

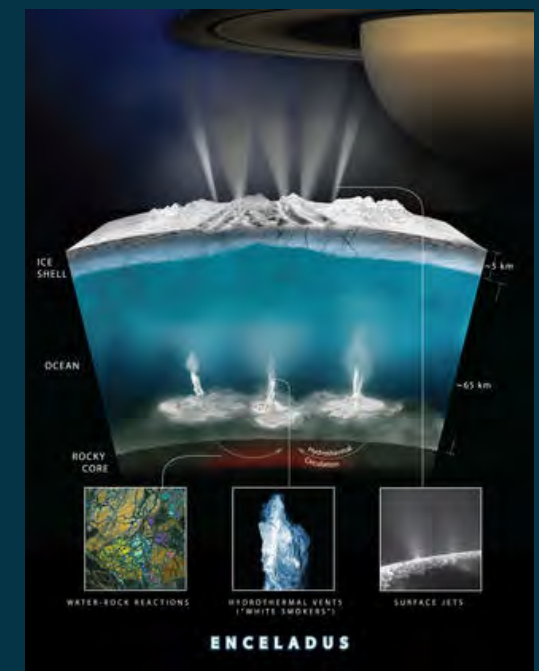


Astrobee



**Automated Reconfigurable
Mission Adaptive Digital
Assembly Systems (ARMADAS)**

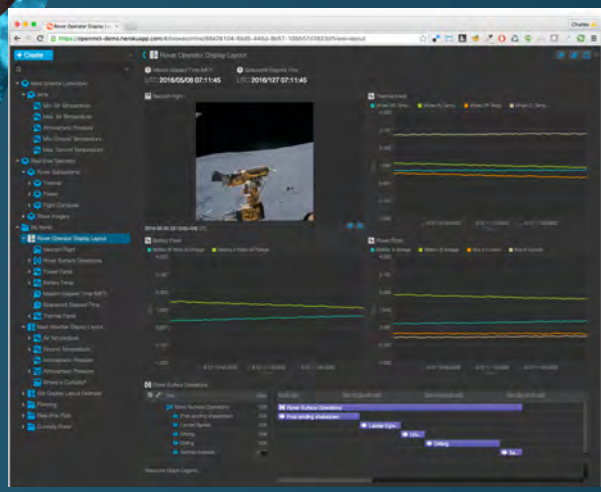
Systematic Underwater Biogeochemical Science and Exploration Analog (SUBSEA)



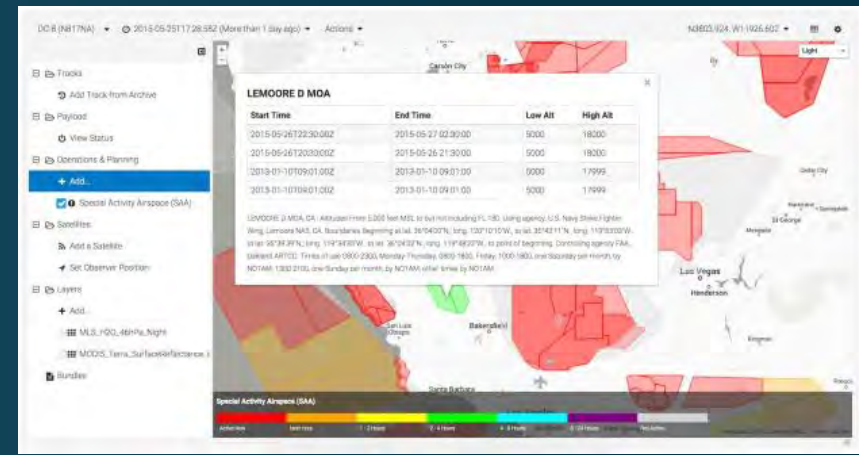


Collaborative & Assistant Systems

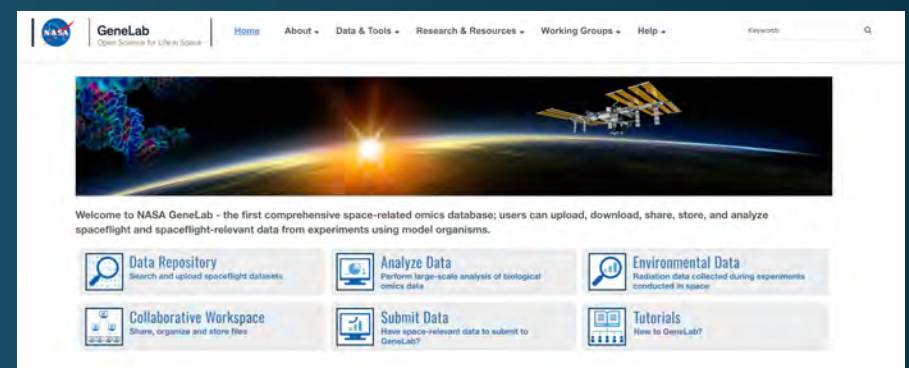
VISualization for Telemetry Analysis (VISTA)



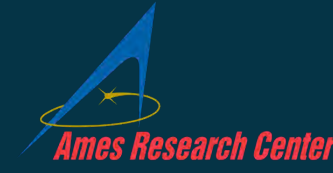
NASA Airborne Mission Tools Suite (MTS)



TESS Science Processing Pipeline



The Collaborative Life Sciences Repository (CLSR)



Robust Software Engineering



Safe DNN



IKOS: Inference Kernel for Open Static Analyzers

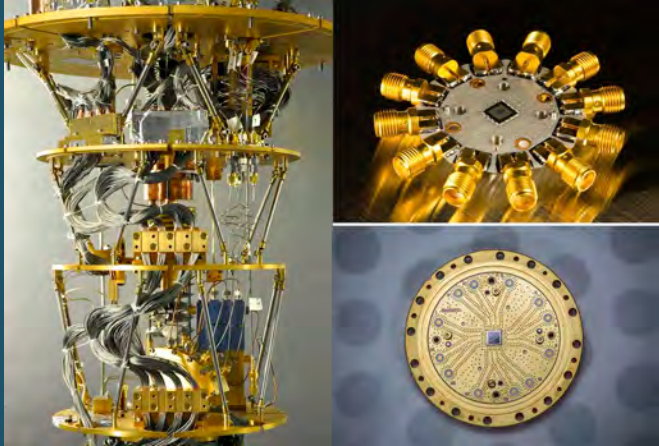


Verification and Validation of Adaptive Control Software



Discovery and Systems Health

Quantum Artificial Intelligence Laboratory (QuAIL)



Prognostics Center of Excellence (PCoE)



Systems Health Analytics, Resilience, and Physics modeling (SHARP)

An aerial photograph of the Ames Research Center campus. The image shows a large, modern building complex with a prominent circular driveway in the center. The campus is surrounded by green lawns, trees, and parking lots. In the background, a large body of water and an airport runway are visible.

**Thanks very much for the
attention!**

Any questions?