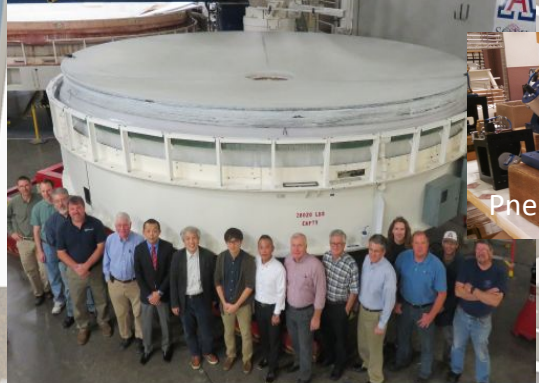




# TAO : The university of Tokyo Atacama Observatory

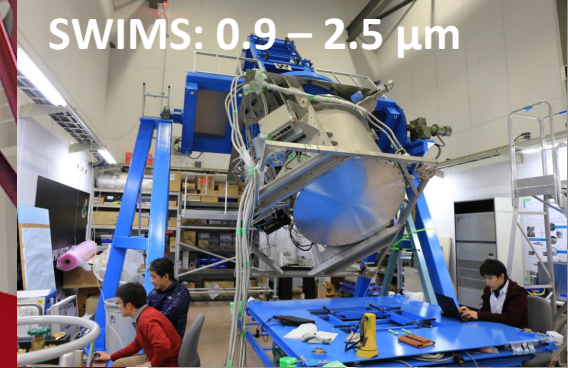
- ✓ a 6.5m infrared/optical telescope at the highest site in the world (5,640 m)
- ✓ Carry out cutting-edge science from cosmology to solar system
- ✓ Focus on educational and exploratory observations as a university's telescope

M1 (6.5m, convex, F1.25)



Pneumatic actuators

SWIMS: 0.9 – 2.5  $\mu$ m



MIMIZUKU: 2 – 38  $\mu$ m



Base facility



- ✓ All fabrications and tests in Japan/US: completed in Q4/2017 → shipped to Chile
- ✓ Summit construction starts in Q3/2017
- ✓ Engineering first light in early 2018 anticipated

Illustration:  
TAO telescope inside the enclosure