



the University of Tokyo Atacama Observatory

**TAO**

# TAO PROJECT

Communication between San Pedro de Atacama and the University of Tokyo Atacama Observatory Project



5640 meters high  
at Chajnantor summit







TAO

# World's Closest Observatory to SPACE

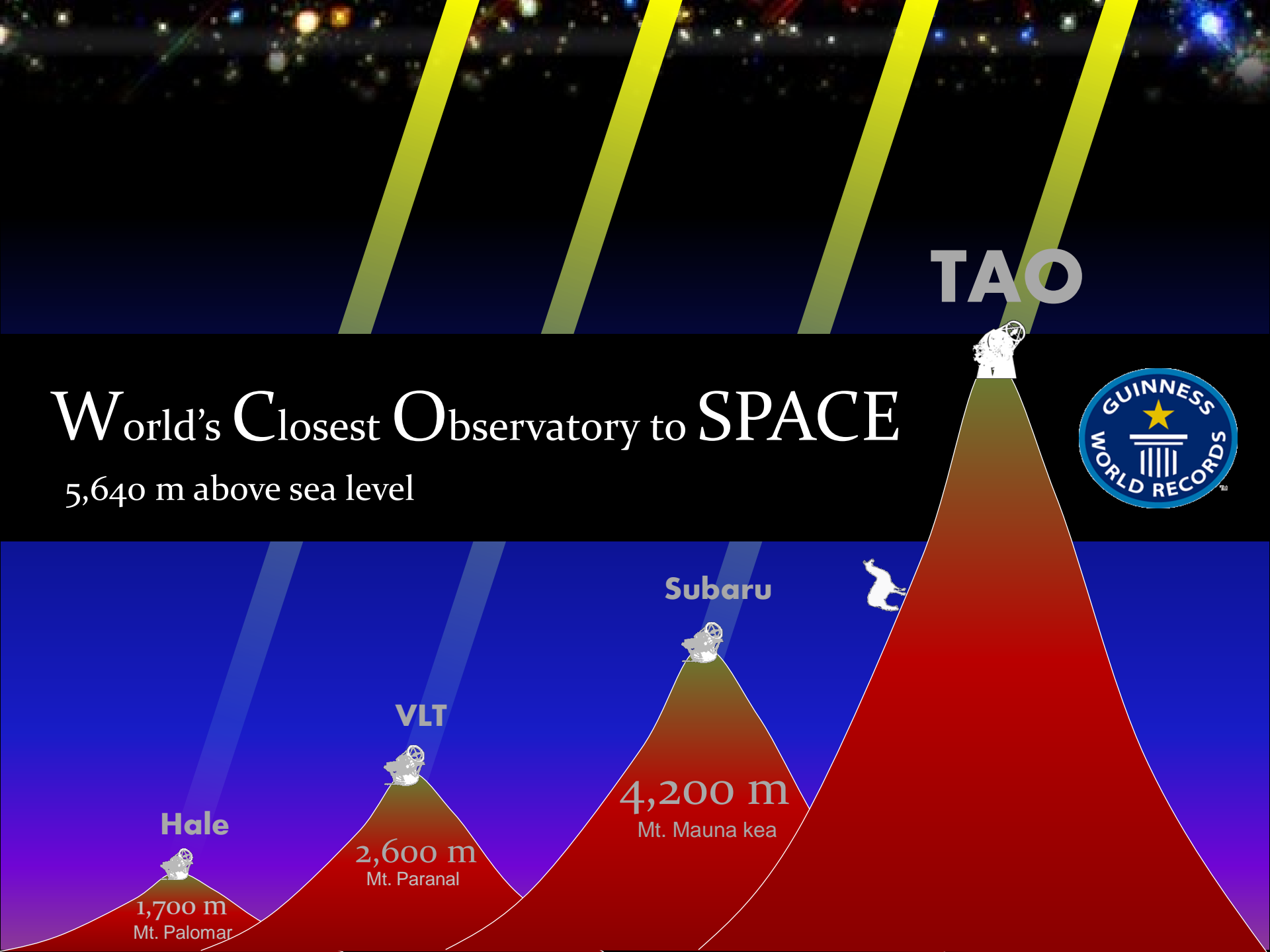
5,640 m above sea level

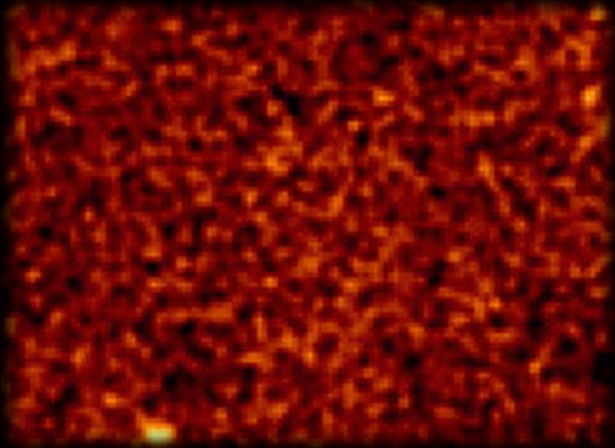


**Hale**  
1,700 m  
Mt. Palomar

**VLT**  
2,600 m  
Mt. Paranal

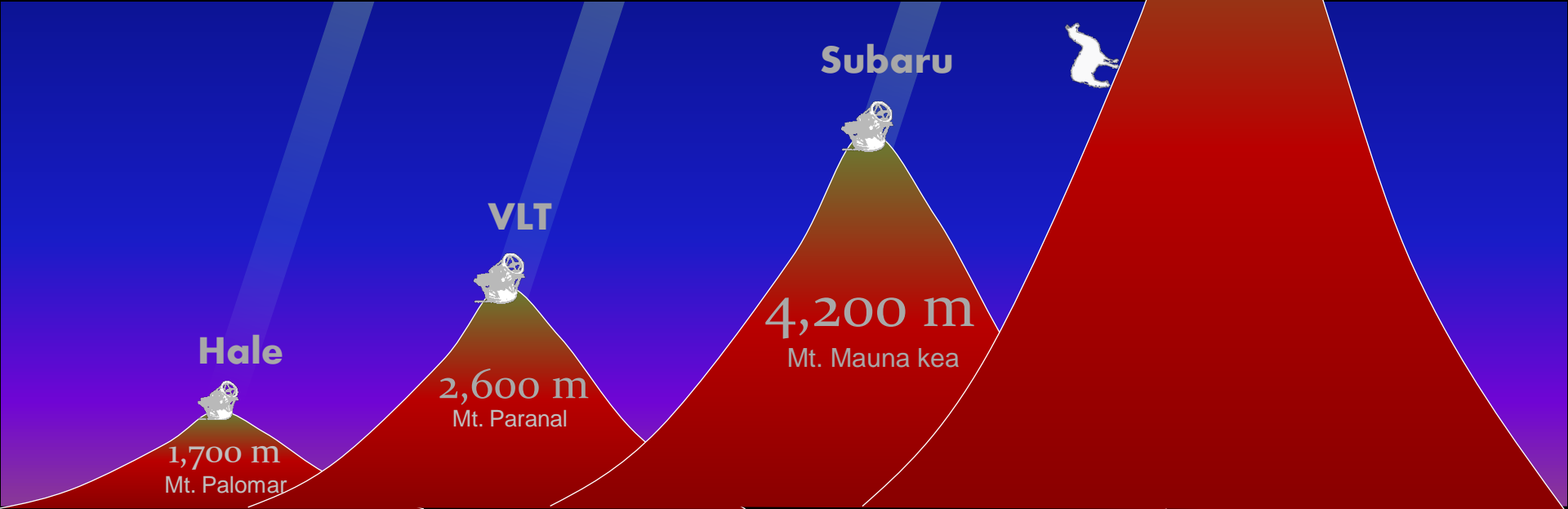
**Subaru**  
4,200 m  
Mt. Mauna kea





# Origins of Planets and Galaxies

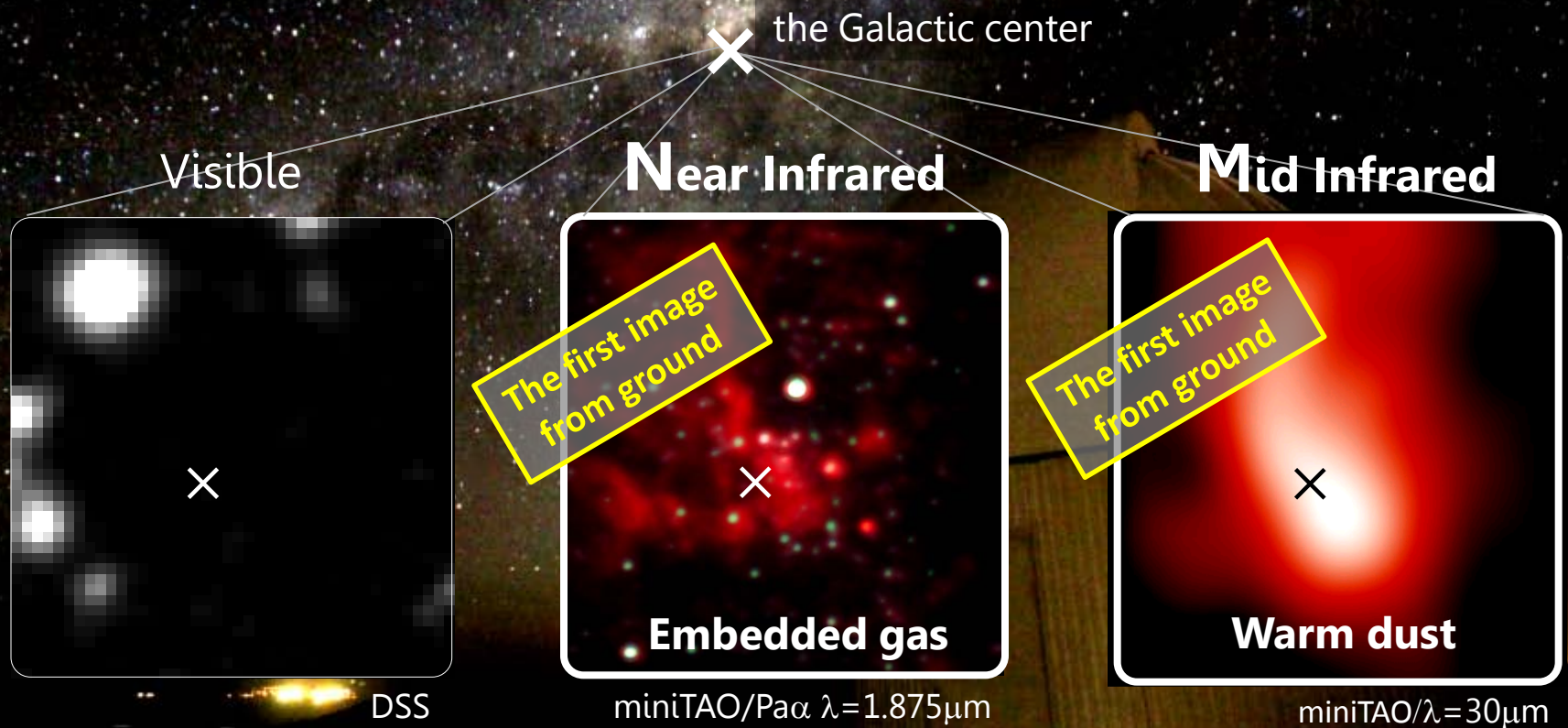
Where do we come from? Where are we going?





Prior to the 6.5-m TAO telescope,  
**the 1-m miniTAO was completed.**

# the Galactic center through New windows

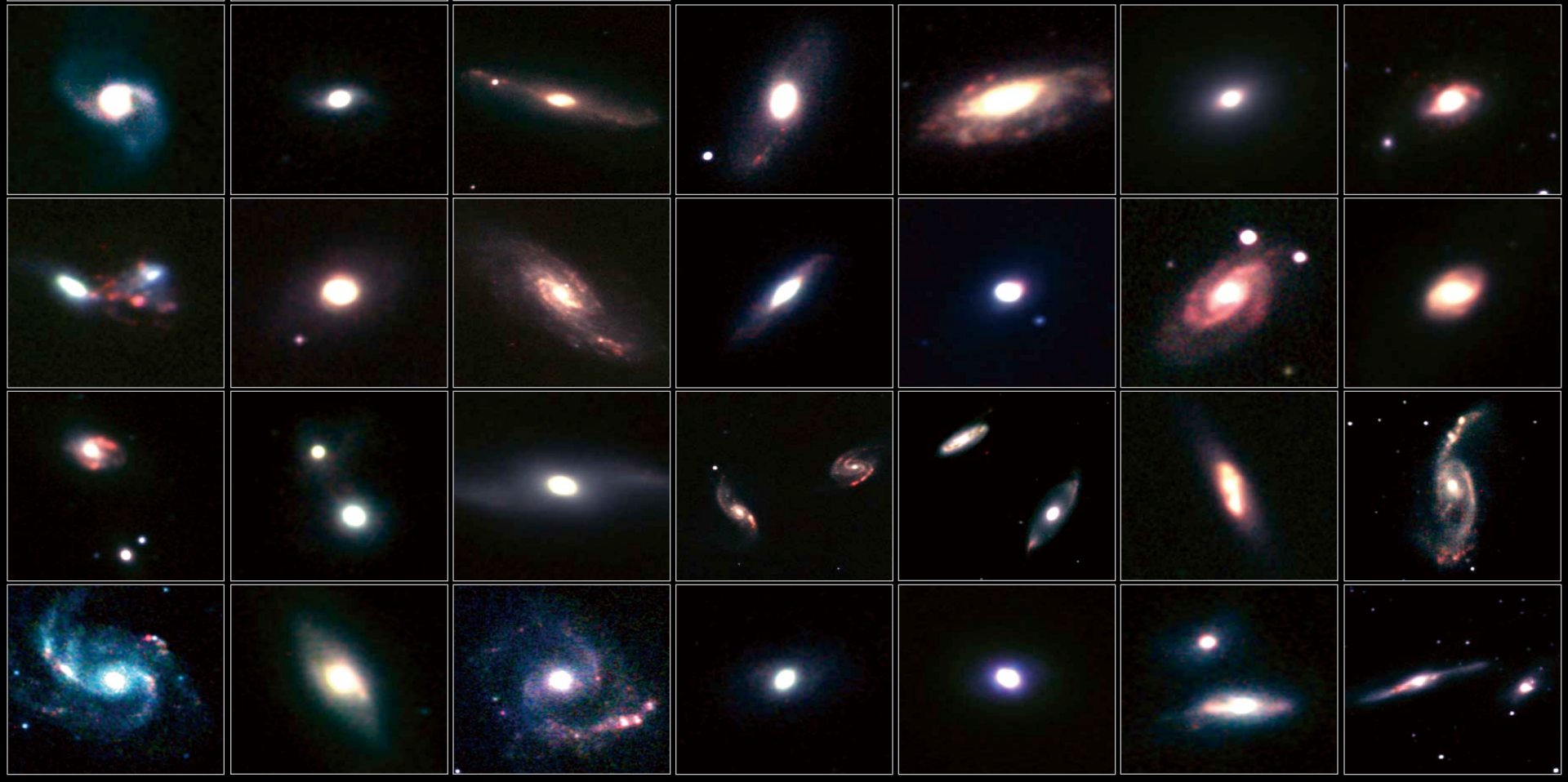




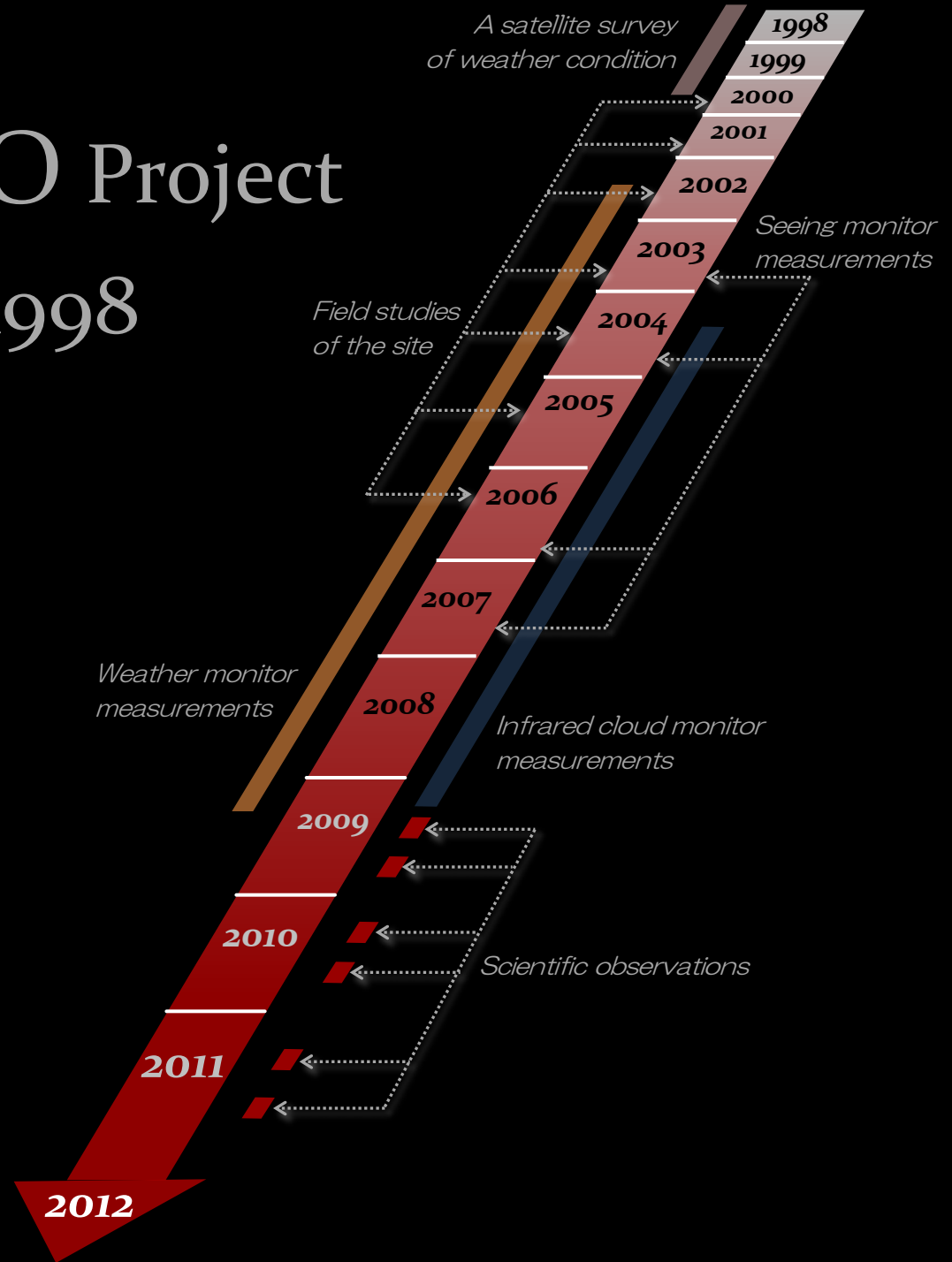


# *INFRARED GALAXIES*

*The Univ. of Tokyo Atacama Observatory  
Atacama Near Infrared Camera*

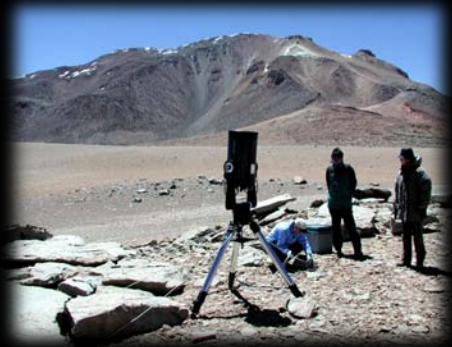
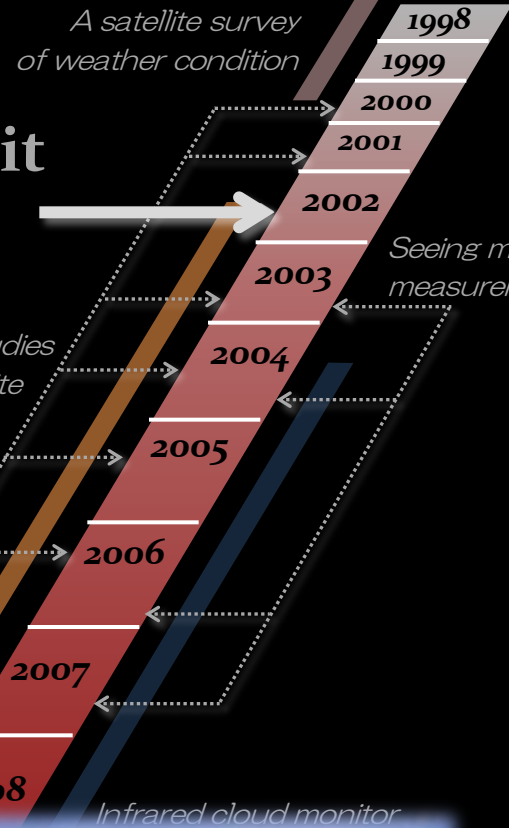


# History of TAO Project since 1998



2002

# First reach of the Co. Chajnantor summit

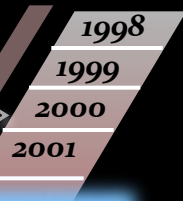


2012

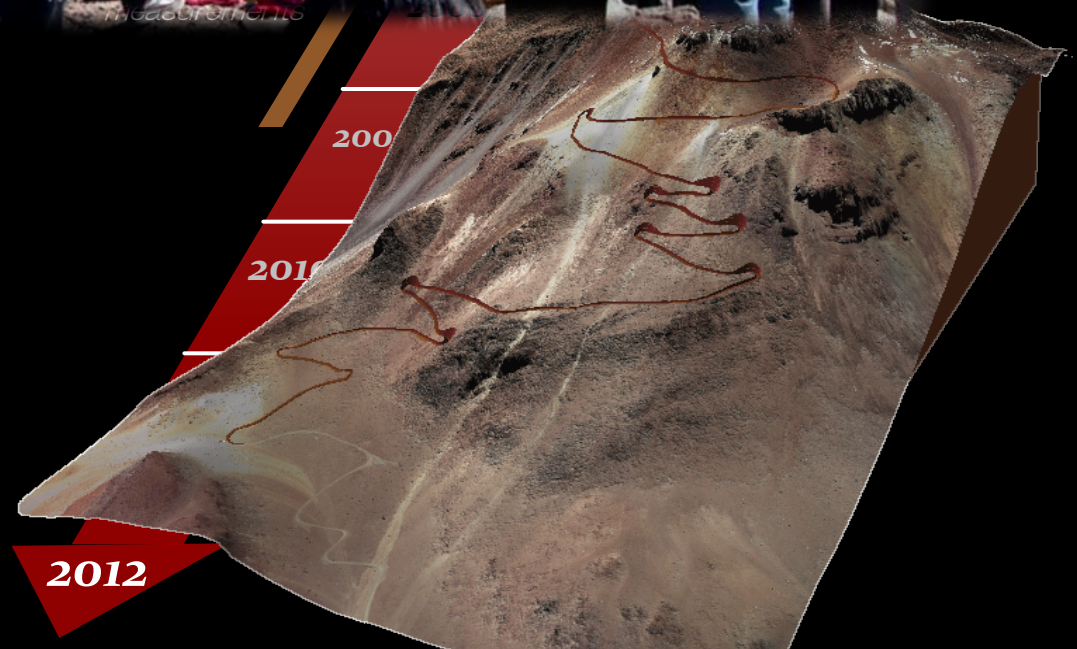
# 2006

## Construction of the TAO road

A satellite survey  
of weather condition



ing monitor  
surements



2006

# Installation of the miniTAO 1m telescope

*A satellite survey  
of weather condition*

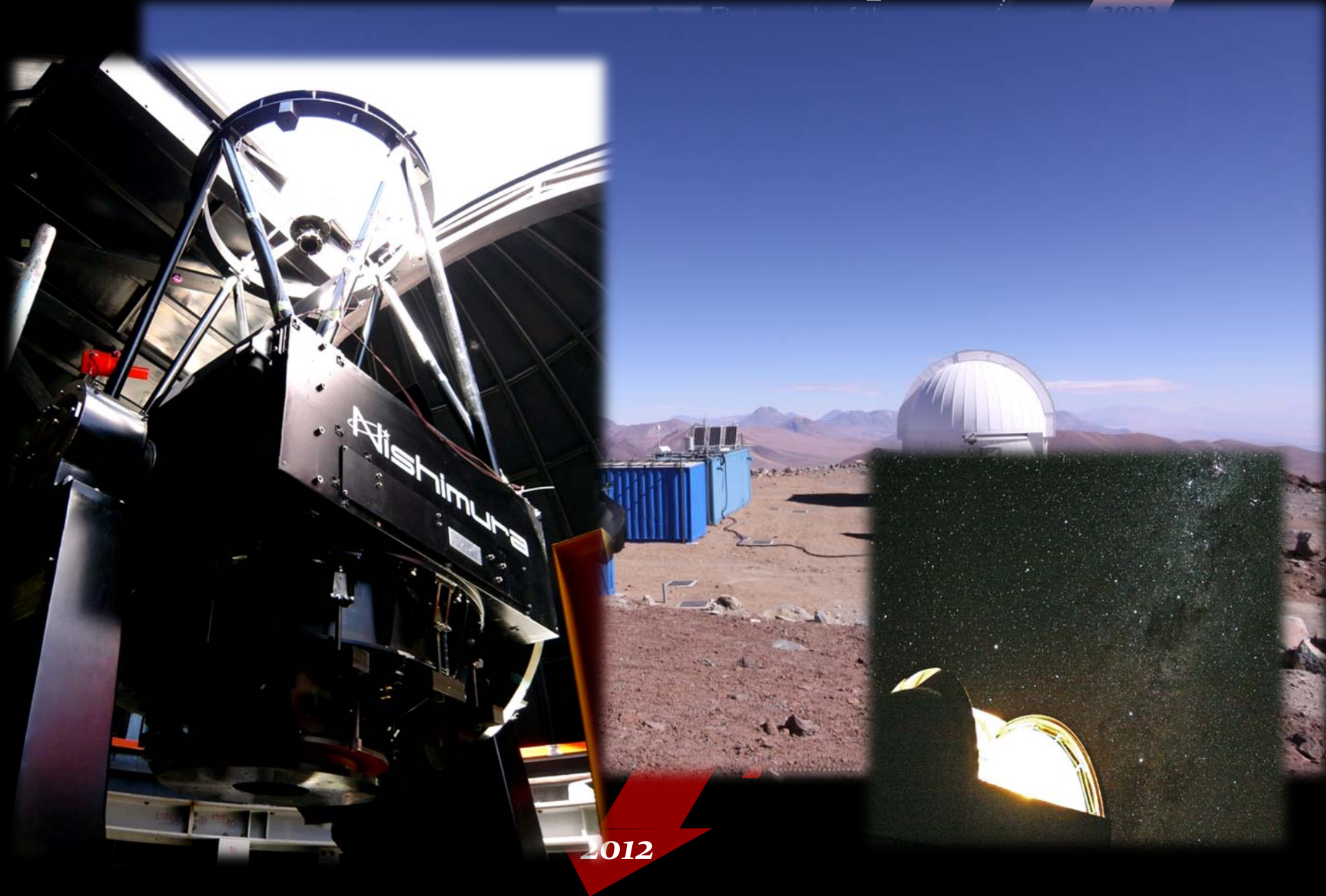
1998

1999

2000

2001

2002



The University  
of Arizona



Cornell  
University



California Institute  
of Technology



Universidad  
de Chile



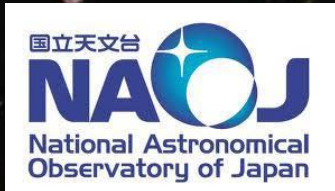
Universidad  
Católica de Chile



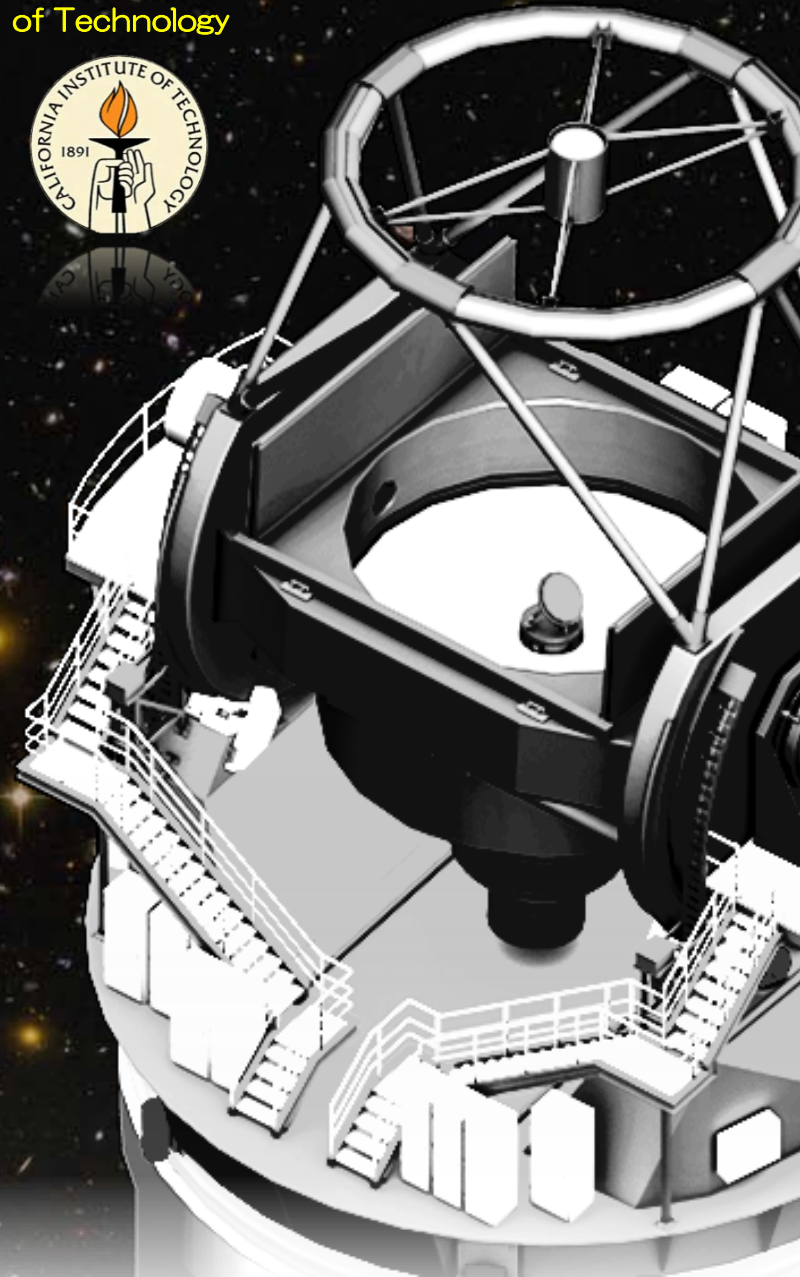
Universidad  
de Concepción



国立天文台

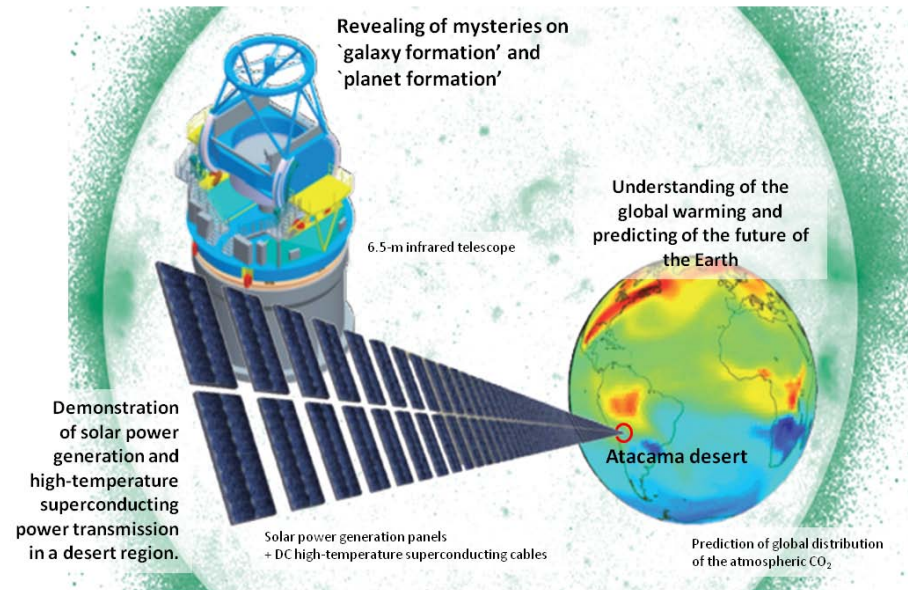


宇宙科学研究機構





milkyway



# SOLAR-TAO Project

Association of science and technology in the Atacama desert

atacama

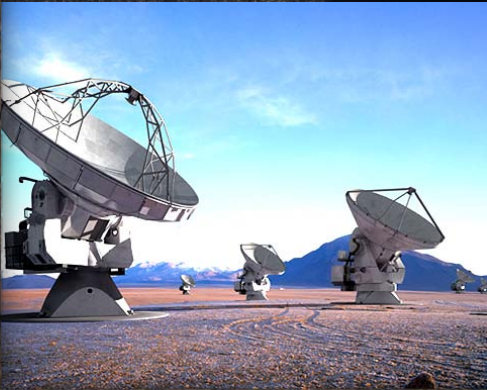


vall de la luna



TAO will advance together with Chile.

LI LICKAN SEMAN... NANTAI  
LA AMISTAD ENTR... A Y  
アタカマと日本の







the University of Tokyo Atacama Observatory

**TAO**