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Date: 12/04/2018

Venue: ESO Fornax council room

Title: The 12-meter optical telescope and site in China

Abstract:

My talk first introduces the 12-meter optical telescope and scientific goals in china, and I focus on the candidate site for Ali of Tibet at an altitude of 5100 meters. We have been operating the Ali site since 2011, the monitoring results show that the exceptional characteristics of Ali site are suitable for large optical-infrared telescopes, and also provide excellent ground observation conditions for sub-millimeter waves and ultraviolet astronomy.