

Antarctic Observatory at Chinese Kunlun Station

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Dome A has been selected as one of the goals of development for ground-based observational astronomy for the next decade. Major Instruments, including a 2.5m opt/NIR telescope and a 5m THz telescope, are proposed as Chinese National Mega-Science Facility. Conceptual designs have been carried out during the past several years. Significant progress has been achieved in R&D for the two telescopes. Here we introduce the progress of Dome A observatory preparations and some technical details on the R&D of THz telescope will be presented.