

[초IS-03] **Giant Magellan Telescope Overview**

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The Giant Magellan Telescope (GMT) is being developed by an international consortium of major educational and research institutions. GMT will be located at Las Campanas Observatory in Chile. The project is currently in its Design Development Phase and is expected to reach first light in 2017. The 25 meter next-generation telescope has been designed with a primary consisting of seven 8.4 meter segments. Production of the first 8.4 meter off-axis segment is currently underway. This paper summarizes the overall project and describes the design of the telescope, science instruments, and the enclosure.

Keywords: Giant Magellan Telescope, GMT, GMT Project.

Biography:

Matt Johns received his B.A. from the University of California, Berkeley, in 1970 and his Ph.D. from Dartmouth College in 1975. He was Manager of the MDM Observatory on Kitt Peak for the University of Michigan from 1975 until 1988. Johns joined NOAO in 1988 to become Project Manager for the WIYN 3.5-m telescope on Kitt Peak. He moved to Carnegie Observatories in 1994 to work on the Magellan 6.5-m telescopes and was Project Manager from 1997 through 2002. Johns is currently Associate Director for Carnegie Observatories and Manager of the Giant Magellan Telescope (GMT) Project.