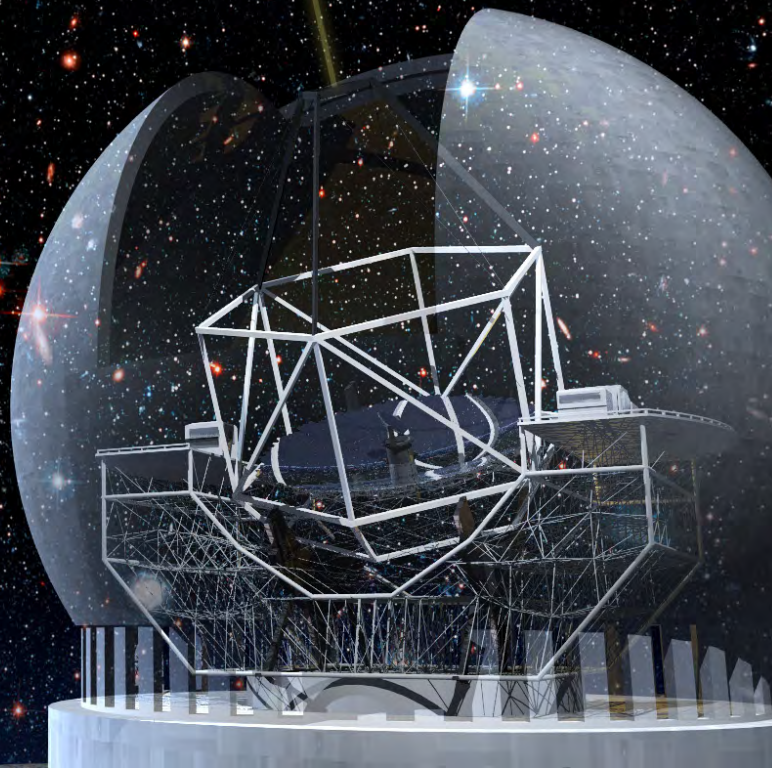


The UC Santa Cruz Department of Astronomy and Astrophysics
and the UCO/Lick Observatory present the ninth Halliday Lecture

THE THIRTY-METER TELESCOPE:

GALILEO'S LEGACY 400 YEARS LATER



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In the four centuries since Galileo, telescopes have evolved from tiny 1-inch lenses to behemoths wider than football fields. How did this happen? What difference have these instruments made to our understanding of the Universe ...and ourselves? Hear what lies in store as the next generation of giant telescopes, like the Thirty-Meter, come on line.

HALLIDAY LECTURE

THURSDAY, NOVEMBER 12, 2009

7:00 PM

DEL MAR THEATRE

1124 PACIFIC AVENUE, SANTA CRUZ

OPEN TO THE PUBLIC - NO CHARGE



Astronomer Jerry Nelson of the University of California Observatories/Lick Observatory at UC Santa Cruz is the Project Scientist for the Thirty Meter Telescope and a Professor of Astronomy and Astrophysics at the University of California Santa Cruz.

Jerry brings great experience as the principal designer and project scientist for the world's largest optical telescopes, the twin W. M. Keck telescopes on Mauna Kea, Hawaii, to his job with TMT, including recent work on Keck's state-of-the-art adaptive optics systems. He has earned numerous honors for his work on the Keck Telescope and has been a member of the National Academy of Sciences since 1996.

Jerry received his B.S. in physics from the California Institute of Technology and his Ph.D. in elementary particle physics from UC Berkeley.

Jerry is the founding director of the Center for Adaptive Optics, an NSF funded Science and Technology Center. He was the director from 1999 to 2004.

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