

Optics for Cheap Solar with CPV Cells

Speaker: James Roger Prior Angel, University of Arizona and REhnu Inc

Abstract:

Roger Angel has developed concepts and technology for some of the most powerful astronomical telescopes, including the Large Binocular Telescope and the planned Giant Magellan Telescope. Today he is working on novel ways to harvest solar energy by focusing sunlight with mass-produced, self-supporting glass mirrors onto small but powerful photovoltaic cells. These methods hold the promise of solar electricity at a cost competitive with fossil fuel generation.

Speaker Bio:

Dr. Roger Angel is Regents Professor of Astronomy and Optical Sciences at the University of Arizona, where he directs the Steward Observatory Mirror Lab. He is a member of the National Academy of Sciences and the American Academy of Arts and Sciences, a Fellow of the Royal Society and a former MacArthur Fellow and a co-recipient of the 2010 Kavli Prize in Astrophysics. He founded and is CTO of REhnu Corporation.