



**‘IMILOA**  
Astronomy Center of Hawai‘i

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**Science Synergies: a Tale of Two Telescopes**  
*Topic for next Maunakea Skies Talk*

**Hilo, Hawai‘i** – Join Dr. Andy Adamson, Associate Director of Science Operations for Gemini Observatory, as he shares his experience with observatory combinations on Maunakea to achieve great results. *Science Synergies: a Tale of Two Telescopes* is the topic at the next “Maunakea Skies” talk on Saturday, February 19, at 7:00pm at ‘Imiloa Astronomy Center.

In the talk, Dr. Adamson will show some of the best examples of the scientific productivity which results when astronomers use two telescopes on different aspects of the same problem. Taking the audience to the nearest, most extreme brown dwarfs, and to the most distant quasar known in the Universe.

The Observatories on Maunakea come in many sizes and have many different astronomical purposes. Increasingly, observations made with the smaller telescopes are being used to identify objects of extreme astrophysical interest which must be studied in detail with the larger observatories. “Having just moved from one telescope, United Kingdom Infrared Telescope (UKIRT) -- to another, Gemini, I have seen both sides of one of the most productive such relationships,” states Dr. Adamson.

Dr. Andy Adamson is currently the Associate Director of Science Operations for Gemini Observatory, prior to this he served as the Associate Director of UKIRT from 1998 to 2010. Born in the United Kingdom, Dr. Adamson was a lecturer and computer systems manager at the University of Central Lancashire in the northwest of the United Kingdom for ten years, before arriving on the Hawai‘i Island in 1998. His research focuses on interstellar

dust particles – the microscopic motes of silicate and (hydro) carbons which pervade the space between the stars and obscure much of the local Universe from our sight.

Before Dr. Adamson's presentation, Maunakea Skies host Shawn Laatsch, 'Imiloa planetarium manager, will provide observational highlights of the winter night-time skies over Hawai'i, pointing out prominent constellations and stars one can see during this time of year.

The monthly Maunakea Skies planetarium presentations are held on the third Saturday of each month. Presented in 'Imiloa Astronomy Center's 120-seat planetarium, admission is \$5 for 'Imiloa members and \$8 for non-members. Pre-purchase tickets at the 'Imiloa front desk or by phone at (808) 969-9704; Visa and MasterCard accepted.

'Imiloa Astronomy Center of Hawai'i is located at 600 'Imiloa Place in Hilo, off Komohana and Nowelo Streets at the UH-Hilo Science and Technology Park. For more information, go to [www.imiloahawaii.org](http://www.imiloahawaii.org), or call (808) 969-9703.



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