

ENGINEERS CLUB OF THE WEST VALLEY

NOVEMBER 2009 NEWSLETTER

www.engineersaz.com

The Engineers Club is a social organization which meets regularly for lunch with a speaker on a technical topic. Spouses are invited and many attend regularly. Short field trips are occasionally scheduled. Membership is open to anyone who has worked in or had close ties to the engineering or scientific fields. Meetings are held at 11:30am on the first Friday of each month, October through June, at Briarwood Country Club, 135th and Meeker in Sun City West, Arizona.

Visitors are always welcome -- Reservations are required -- Just call (623)544-0942 to let us know you are coming.

NOVEMBER 6 PROGRAM

Large Synoptic Telescope

Dr. Phillip A. Pinto
University of Arizona



The Large Synoptic Telescope (LSST) is an 8.4 meter telescope with a ten square degree field and three gigapixel detector, backed up by a powerful data processing and archiving facility. Operating as a fully-automated survey, it will image the entire sky repeatedly and at a rapid pace, opening the time domain to astronomy by producing more than 30 terabytes of high-quality images per night. Rarely observed events will become commonplace and new and unanticipated events will be discovered. Adding the data accumulated over years of operation will provide multicolor maps of the entire sky to unprecedented depth. The LSST will simultaneously address many of astronomy's fundamental problems, from planetary science to cosmology, and will open a window to new discoveries yet unknown. Dr. Pinto will describe the LSST design and discuss some of the science this new facility will enable.

Dr. Philip Pinto received his AB degree in Astronomy and Astrophysics from Harvard University and his PhD at the Lick Observatory, University of California. He is an Associate Professor of Astronomy and Physics at the Steward Observatory of the University of Arizona and has worked on the LSST Project since its inception.

Refer to: http://www.youtube.com/watch?v=LtMJ_WwvBb8

DECEMBER 4 PROGRAM

The Worlds Largest Optical Telescope

Dr. John M. Hill
University of Arizona

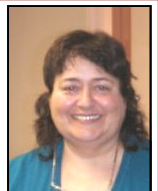


The worlds Largest Binocular Telescope (LBT) Observatory is located on Mt. Graham in southeastern Arizona. A unique feature of the LBT is that light from two primary mirrors can be combined in such a manner so as to produce a resolution ten times sharper than the Hubble Space Telescope. Dr. Hill will describe the technology behind this unique engineering achievement.

Dr. Hill received his B.S. in physics and chemistry from Geneva College in 1979 and his Ph.D. in astronomy from the University of Arizona in 1984. His major research activities include multi-object spectroscopy of clusters of galaxies and the production of borosilicate honeycomb mirrors. Recent years have been devoted to the design, construction and commissioning of the Large Binocular Telescope on Mt. Graham. He is currently the technical director of the Large Binocular Telescope Observatory in Tucson.

A NOTE FROM...

Jodie Lawrosky



A Call to Action

Our club provides a unique opportunity to meet friends, enjoy an excellent luncheon, listen to remarkable speakers monthly, and tour interesting facilities periodically. Behind the scenes, additional planning work is required: finding the Speakers, arranging field trips, working with Briarwood to set up the meals, finding our scholarship candidates, etc.

Our group is similar to many others, in that we're requesting a little of your time in order to make the club run smoothly. Won't you please help us? We're in desperate need of a Field Trip Coordinator. Last year, we toured two separate US Mail processing facilities and a Wastewater Treatment Plant. Currently, we have no tours planned, as our Field Trip Coordinator stepped up to handle the reservations process for the Engineers Club.

Are you someone who has written press releases in the past? Or can you take some pictures of attendees and speakers at some of our meetings? Then, Publicity may be an area where you can help out.

Are you interested in helping us to find the speakers for our meetings? Or perhaps be a part of helping to select our next Engineers Club Scholarship recipient? All of these duties take a bit of additional work, over and above coming to the luncheon meeting.

Board members attend nine Board meetings in the year. Those meetings typically run between 60-90 minutes long. Depending on the board position, some may require up to eight additional hours of time in a month. Others, only an hour or two over the meeting time. There is no pay involved, but there are many Attaboys and Attagirls! We do need your help in filling the various board positions in our club. Please let us know if you can make the time to contribute to this fine organization.

WELCOME NEW MEMBER

James W. Stoor

Club Membership is 149

MEMBERSHIP DUES

2010 dues of \$20 are now being accepted at the membership table before meetings or by mail to the Treasurer

Don Block

13425 W Caraway Dr
Sun City West AZ 85375

2009 OFFICERS

President	Fred Scheske	556-2892
Vice President	Larry Pensiero	546-1703
Secretary	Jodie Lawrosky	238-5256
Treasurer	Don Block	546-0557

COMMITTEE CHAIRPERSONS

Programs	Larry Pensiero	546-1703
Membership	Bob Latvalla	546-7801
Membership	Bill Lee	977-1818
Reservations	Dave Whitehouse	544-0942
Luncheons	Hal Clemett	546-4941
Scholarship	Geraldine Montag	546-7963
Scholarship	Fred Berkenkamp	214-7757
Scholarship	Rutheloise Borchardt	933-2307
Reception	Bob Kessler	872-1994
Newsletter	Bill Harrison	546-4943
Web Site	Jim & Pat Ardis	362-1013
Publicity	Keith Morrow	546-3080
Field Trips	TBA	xxx-xxxx
Past President	Keith Morrow	546-3080

October Luncheon Photos



TREASURER'S REPORT 10-31-2009

General Fund Balance: \$4,278.46
 Scholarship Fund Balance: \$925.45

LUNCHEON MENUS

November 6: Turkey Medallions with Cranberry Cream Sauce, Apple Walnut Stuffing, Green Beans Amandine and Pumpkin Pie.

(Entrée Option: Fruit Plate)

December 4: Bistro Steak with Burgundy Sauce, Au Jus Mashed Potatoes, Steamed Asparagus and Spumoni Ice Cream with Cookie.

(Entrée Option: Fruit Plate)

NOTICE

LUNCHEON PRICE CHANGE

Beginning January 2010, the cost of the monthly luncheon will be increased 50 cents to \$17.00 per person.

The reservation deadline is 6PM Monday before the meeting. Late reservations cannot be guaranteed the regular meal. Call Dave Whitehouse if you cannot keep your reservation.

A fee of \$10 will be charged for "no-shows."

Please have cash or make out your check in advance.



Bruce Boyce (L) and Tadd Spicer (R) receive certificates of appreciation from Fred Scheske for their presentation in October on the GoodEye-1 Satellite by General Dynamics.