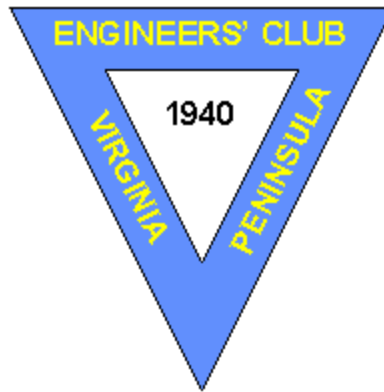


THE ENGINEERS' CLUB OF THE VIRGINIA PENINSULA



" Langley's Full Scale Tunnel."

Wednesday, March 15, 2000

No cost. Non-members welcome.

Speaker: *Dr. E. James Cross, the Manager of Langley's Full Scale Tunnel, will be conducting a tour there. Dr. Cross is the former Dean of the College of Engineering and Technology at ODU. Since the Wright Flyer will not be available, we will see several race cars that have undergone testing in the facility.*

Location: *Langley's Full Scale Tunnel. ALL PERSONNEL VISITING LANGLEY WILL HAVE TO BE ON THE VISITORS LIST OR HAVE APPROPRIATE GOVERNMENT ID.*

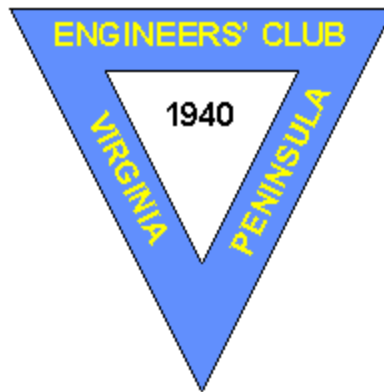
Times: *5:30 PM to 7 PM tour.*

Directions: *224 Hunting Ave., Langley AFB, Bldg. 643. Enter at La Salle Ave gate entrance and bear right on Nealy Ave. At second traffic light turn right on Hammond St. Stay in left lane for 270 deg. loop and turn onto Dodd Blvd. Continue to Douglas St. and turn right. Turn left at Hunting Ave. (may be called Benedict Ave. also). The back of the building is on Andrews St., use the front main double glass doors instead.*

Required Reservations Deadline: *close of business day Monday, March 13.*
Contact Ron Harvey h(249-2322) w(864-2973)

ECVP web site: <http://www.pcs.cnu.edu/~khoffman/ECVP/>

THE ENGINEERS' CLUB OF THE VIRGINIA PENINSULA



"Protein Biochip Mass Spectrometry system for the discovery of cancer associated proteins."

Monday, April 24, 2000

Non-members welcome.

Speaker: *Tonia Vlahou, Ph.D.*, gives an introduction on prostate and bladder cancers, followed by an overview of a novel protein chip technology, its principles of function, potential applications in the discovery of cancer biomarkers, and development of diagnostic assays.

Location: *N.N.S. 4101 Washington Ave., Executive Office Building, N N., VA.*

Times: *5 PM social hour, 6 PM Dinner, 7 PM Program.*

Cost: *dinner \$12 per person (Buffet: Chicken Breast, Glazed Pit Ham, Potatoes, Vegetable Medley, Green Beans Almondine, Salad, Rolls, Dessert, Beverages)..*

Required Reservations Deadline: *close of business day Thursday, April 20.*

Contact Ron Harvey h(249-2322) w(864-2973)

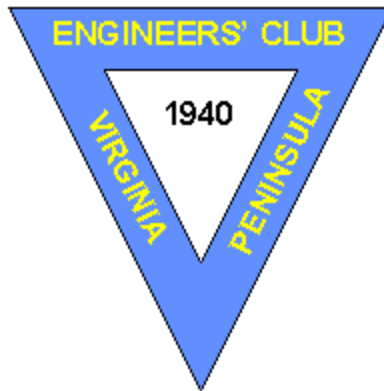
or John Zinskie w(688-8699).

May: *Reschedule of Howard Hart's CIA program.*

June: *"Moving of the Cape Hatteras Light"*

ECVP web site: <http://www.pcs.cnu.edu/~khoffman/ECVP/>

THE ENGINEERS' CLUB OF THE VIRGINIA PENINSULA



"Espionage - One Type of Intelligence"

Tuesday, May 23, 2000

(Re-schedule of weather delayed January program)

Non-members welcome

Speaker: *Mr. Howard Hart, who retired as Director of the DCI Crime and Counternarcotics Center, was an officer of the CIA's Clandestine Service for over 25 years. His overseas assignments included postings in India; in Iran during the period leading up to and after the overthrow of the Shah of Iran; Pakistan during the Soviet occupation of Afghanistan; the Persian Gulf; and Bonn, Germany in the period leading up to the collapse of Communism.*

Location: *N.N.S. 4101 Washington Ave., Executive Office Building, NN., VA*

Times: *5PM Social Hour, 6 Dinner, 7 PM Program*

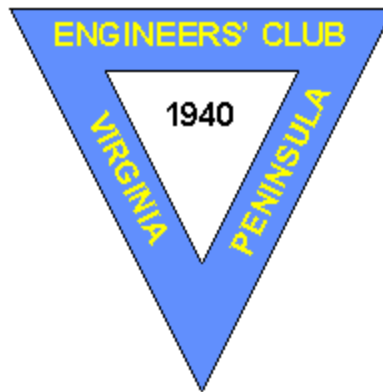
Cost: *Dinner \$12 per person (Buffet: Roast Beef, Au Gratin Potatoes, Green Beans Almondine, Baby Carrots, Salad, Rolls, Dessert, Beverages)*

Reservations Required

Due to large response for originally scheduled program,
please make reservations early to ensure space

Deadline: *Close of business day Wednesday, May 17
Contact Ron Harvey h(249-2322) w(864-2973)
or John Zinskie w(688-8699).*

THE ENGINEERS' CLUB OF THE VIRGINIA PENINSULA



"Breast Cancer in the New Millennium"

Wednesday, November 8, 2000

Non-members welcome

Speaker: *Christine Laronga, M.D., is a member of the Department of Surgery at Eastern Medical School as a surgical oncologist specializing in breast surgery and diseases of the breast. Dr. Laronga won the Clinical Fellows Research Award while at M.D. Anderson Cancer Center, University of Texas, Houston. Dr. Laronga received her B.S. and B.A. for Pennsylvania State University, and her M.D. from New Jersey Medical School on Newark.*

Location: *N.N.S. 4101 Washington Ave., Executive Office Building, NN., VA*

Times: *5:00 PM Social Hour, 6:00 PM Dinner, 7:00 PM Program*

Cost: *dinner \$12 per person (Buffet: Chicken Breast, Glazed Pit Ham, Potatoes, Vegetable Medley, Green Beans Almondine, Salad, Rolls, Dessert, Beverages)*

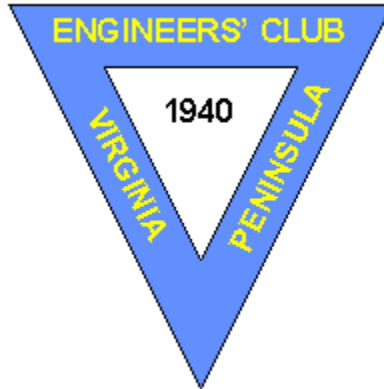
Reservations Required

Deadline: *Close of business day Friday, November 3
Contact Ron Harvey w(864-2973) or r.d.harvey@larc.nasa.gov
or John Zinskie w(688-8699).*

December 4: *"NASA Langley's 8 foot High Temperature Tunnel"*

ECVP web site: <http://www.pcs.cnu.edu/~khoffman/ECVP/>

THE ENGINEERS' CLUB OF THE VIRGINIA PENINSULA



" NASA Langley's 8 foot High Temperature Tunnel "

Monday, December 4, 2000

Non-members welcome

Speaker: *Jeffrey S. Hodge, Facility Manager. This wind tunnel, a combustion-heated hypersonic blowdown-to-atmosphere, provides flight enthalpy simulation for Mach numbers of 4, 5, and 7 through an altitude range from 50,000 to 120,000 feet. The open-jet test section is 8-ft. in diameter and 12-ft. long. The test section will accommodate large air-breathing hypersonic propulsion systems as well as structural and thermal protection system components. The test medium is the combustion products of air and methane that are burned in a pressurized combustion chamber. Oxygen is added to the test medium for air-breathing propulsion tests.*

Location: *NASA Langley Research Center, Hampton, VA*

Time: *5:30 PM Program, free.*

Reservations Required

Deadline: *Close of business day Thursday, November 30*
Contact Ron Harvey w(864-2973) r.d.harvey@larc.nasa.gov
Limited to first 30.

January: *"Automated Marine Applications"*
ECVP web site: <http://www.pcs.cnu.edu/~khoffman/ECVP/>