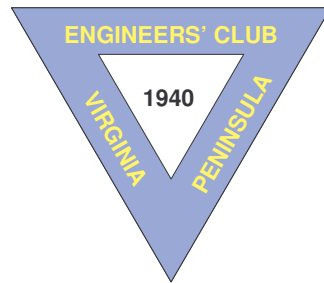


THE ENGINEERS' CLUB OF THE VIRGINIA PENINSULA



"Conservation of the USS Monitor"

A joint meeting with AIAA, ASM, and ASNE

Thursday, February 10, 2005

Non-members welcome

Speaker: **Curtiss Peterson, Lead Conservator for the USS Monitor**
Mr. Peterson has extensive experience in the conservation and curation of materials from underwater and upland archeological sites, and museum collections. He has been involved in research and conservation of the Monitor since 1978.

Location: Mariners' Museum
100 Museum Drive, Newport News
(Gallery entrance – to the right of the public entrance)

Times: 6:00 PM Social Hour (cash bar), 7:00 PM Dinner, 8:00 PM Program & Tour
(The museum will be open to attendees – included in dinner cost)

Cost: Dinner \$20 per person: Heavy Hors d'Oeuvres

Reservations Required by Thursday, February 3

Contact John Zinskie 688-8699 (W)

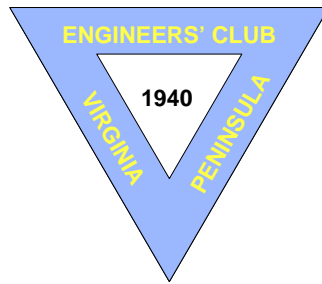
E-mail: John.Zinskie@ngc.com

ECVP Web Sites:

<http://www.engclubvp.org>

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

THE ENGINEERS' CLUB OF THE VIRGINIA PENINSULA



"Tsunamis"

Wednesday, March 23, 2005

Non-members welcome

Speaker: Anthony Siebers, National Oceanic and Atmospheric Administration,
National Weather Service Office, Wakefield

Tsunamis can be devastating but are, fortunately, relatively rare occurrences. Or are they? After the recent tragedy in the Pacific, many people along the Atlantic seaboard are wondering if we are at risk. Mr. Siebers will talk about how tsunamis are formed, are there conditions in the Atlantic conducive to their formation, what can be done and how much time would be available to warn communities along the east coast in the event of a tsunami, and what is the potential for major destruction.

Location: *Northrop Grumman Newport News, Executive Office Building (6th FL)
Washington Ave. & 41st Street, Newport News*

Times: *5:30 PM Social Hour/Registration, 6:00 PM Dinner, 7:00 PM Program*

Cost: *Dinner \$18 per person: Chicken Cordon Bleu, Mashed Potatoes, Mixed Vegetables, Salad, Rolls, Dessert, and Beverages*

Reservations Required: Deadline Close of Business Friday, March 18

Contact John Zinskie 688-8699 (W)

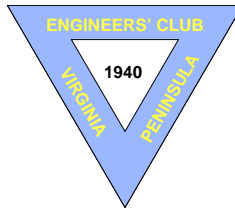
E-mail: John.Zinskie@ngc.com

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A Joint Meeting of ECVP, AIAA, and ASME



“Creating Submarine Hull Forms for the 21st Century” Tuesday, May 31, 2005



Speakers: Todd Sedler & Patrick Ryan,
Northrop Grumman Newport News's Advanced
Technology & Hydrodynamics Initiative

Northrop Grumman Newport News has been experimenting with new submarine hull form concepts to better meet future undersea warfare requirements. As part of their program they have built an autonomous operating model of one of their concept submarines for maneuvering testing. The presentation will cover the design, construction, and performance of this autonomous model. Attention will be placed on passive flow control devices and their impacts on vehicle performance. Flow visualization movies done on the free-running model with and without passive flow control will be presented. The flow visualization will be compared to RANS calculations. Results illustrating the hull form's agility and the impact of flow control devices will be presented and discussed.

Location: *Northrop Grumman Newport News, Virginia Advanced Shipbuilding and Carrier
Integration Center
West Ave. & 25th Street, Newport News
(Park in garage – ground level)*

Times: *5:00 PM Social Hour/Registration, 5:30 PM Dinner, 6:30 PM Program*

Cost: *\$15 Members, \$20 Non-members*

Dinner: *Salad Greens with Nuts and Vinaigrette, Boneless Breast of Chicken in a Champagne Sauce,
Rice Pilaf, Honey Glazed Carrots, Rolls and Butter, Coffee and Tea, Strawberries and Cream Cakeroll*

Reservations Required: Deadline: Close of Business Friday, May 27 (**Must be U. S. Citizen**)

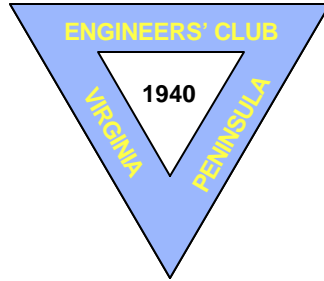
Contact John Zinskie 688-8699 (W)

E-mail: John.Zinskie@ngc.com

ECVP Web Sites:

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

THE ENGINEERS' CLUB OF THE VIRGINIA PENINSULA



presents

"Creating Creative Engineers: Everyday Practices for Innovation"

Wednesday, September 28, 2005

Non-members welcome

Speaker: Dr. Larry G. Richards, Department of Mechanical and Aerospace Engineering, University of Virginia, Charlottesville

Want to be more creative??? Engineering is a creative profession. Yet many of the environments in which engineers practice seem to discourage truly innovative thinking. There are many approaches to enhancing creativity and fostering innovation. But many of these practices seem far removed from the practice of engineering in modern industry. Dr. Richards will discuss the nature of and conditions supporting creativity in engineering design, the forces that stifle innovation and how we, as engineers, can become more creative – at work and in the rest of our lives.

Location: *Das Waldcafe, 12529 Warwick Boulevard, Newport News*

Times: *5:00 PM Social Hour/Registration, 6:00 PM Dinner, 7:15 PM Program*

Costs: *Dinner and Presentation \$20 per person, Presentation only: \$5 per person*

Your Choice of:

- 1. Wiener Schnitzel – Lightly breaded slice of veal, fried to perfection,*
- 2. Pusta Schnitzel – Lightly breaded slice of veal topped with sautéed onions, green peppers and mushrooms in a paprika sauce,*
- 3. Roulladen – Onion, pickle, and bacon rolled in sirloin beef. Braised and served in a delicious brown gravy,*
- 4. Wurst Platter – Bratwurst(1) & Knackwurst(1) served with sauerkraut and German mustard.*

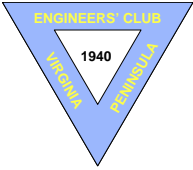
All of the above served with German potato salad, Spatzle (German homemade noodles), Red Cabbage, Rolls, Dessert, and Beverages

Reservations Required: Deadline: Close of Business Friday, September 23
Your reservation must include your entrée selection. Seating is limited to 50.

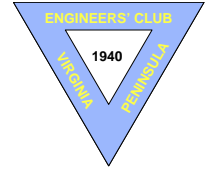
Contact: Dave Howell, 850-1452 (W)

E-mail: Kerry Johnson, k.johnson1701@charter.net

ECVP Web Sites: <http://www.engclubvp.org> & <http://www.pcs.cnu.edu/~khoffman/ECVP/>



THE ENGINEERS' CLUB OF THE VIRGINIA PENINSULA



Presents



"Shipyard of the Future"

Tuesday, November 29, 2005

Non-members welcome

Speaker: Allen Roy, Northrop Grumman Newport News Sector

Allen Roy of Northrop Grumman Newport News (NGNN) will discuss planned facility improvements at the shipyard during the next 25 years - through 2030. He will describe the deployment of new production facilities, and proposed modifications and improvements to existing facilities, that will, in combination, meet the challenge of constructing new generations of aircraft carriers and submarines while simultaneously supporting planned/projected overhaul and repair work for current ship class designs.

Location: *Das Waldcafe, 12529 Warwick Boulevard, Newport News*

Times: *5:00 PM Social Hour/Registration, 6:00 PM Dinner, 7:15 PM Program*

Costs: *Dinner and Presentation \$20 per person, Presentation only: \$2 per person*

Your Choice of:

- 1. Wiener Schnitzel – Lightly breaded slice of veal, fried to perfection,*
- 2. Pusta Schnitzel – Lightly breaded slice of veal topped with sautéed onions, green peppers and mushrooms in a paprika sauce,*
- 3. Roulladen – Onion, pickle, and bacon rolled in sirloin beef. Braised and served in a delicious brown gravy,*
- 4. Wurst Platter – Bratwurst(1) & Knackwurst(1) served with sauerkraut and German mustard.*

All of the above served with German potato salad, Spatzle (German homemade noodles), Red Cabbage, Rolls, Dessert, and Beverages.

Reservations Required: Deadline: Saturday, November 26.

Your reservation must include your entrée selection. You are committed to pay for your entrée unless you cancel your reservation by the deadline. Seating is limited to 65.

Contact: Dave Howell, (757)850-1452

E-mail: Kerry Johnson, k.johnson1701@charter.net

ECVP Web Site: <http://www.pcs.cnu.edu/~khoffman/ECVP/>