

ASME NEWS & VIEWS

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A.S.M.E. Florida West Coast Section

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Dunedin, FL 34698



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March 2008, Volume 13 Issue 4



**You are invited to join
the Florida West Coast Section of ASME &
the South East Section of SNAME**

for our April 2008 Dinner Meeting



Thursday, April 03, 2008 at 5:30pm

Guest Speaker

Dr. Marc B. Wilson

President, AMES Consulting, Inc.

**The Principles of Human Factors Engineering
in Design, Construction and Operation**



This presentation is for marine engineers, mechanical engineers, and naval architects. It addresses both facilities and vessels in the areas of operation, scheduled examinations, preventative maintenance, alterations, and design. Operationally, the presentation covers functionality of arrangement, consoles, displays, emergencies, and warnings. It takes into account standards, regulations, and sound engineering practices. The presentation is on common issues. The presentation will be ~20 minutes followed by a question and answer session to give the participants the opportunity to discuss a specific situation in their interest.

Dr. Marc B. Wilson is President of AMES Consulting, Inc. In 1996, he founded AMES Consulting, Inc. AMES is a design services company. AMES specializes in design, human factors engineering or ergonomics and safety. AMES' has previous worked on accident analysis and prevention, ADA compliance, anthropometry (human body measurement), coefficient of friction, cognitive modeling/analysis, cumulative trauma/repetitive stress, industrial design, ergonomics, job analysis/design, OSHA compliance, product design/safety, surveys, test/evaluation, training/education, usability testing, labeling, markings, and workplace/workstation design/analysis.

Dr. Wilson is a retired US Coast Guard Marine Safety Officer. He was the engineering officer onboard the WHEC INGHAM. He was a Coast Guard "techie". Dr. Wilson is a retired academician. Recently, he has been an adjunct instructor at California Maritime Academy where he was out at sea training cadets in marine engineering. Dr. Wilson is the only retired Coastie that is a board certified human factors specialist with a current merchant marine engineer's license.

Location:

B.E.S.T. Center

Overseas Shipholding Group, Inc

22nd Street Causeway and Maritime Blvd

Tampa, FL

813-209-0643

Time:

5:30pm - Social Hour

6:30pm - Dinner

7:15pm - Presentation and Discussion

8:30pm - Meeting Dismissal

Price:

ASME/SNAME Members and Guests: \$35.

Student Members: \$20

Reservations:

Reservations and cancellation are required by noon on Thursday, March 27, 2008.

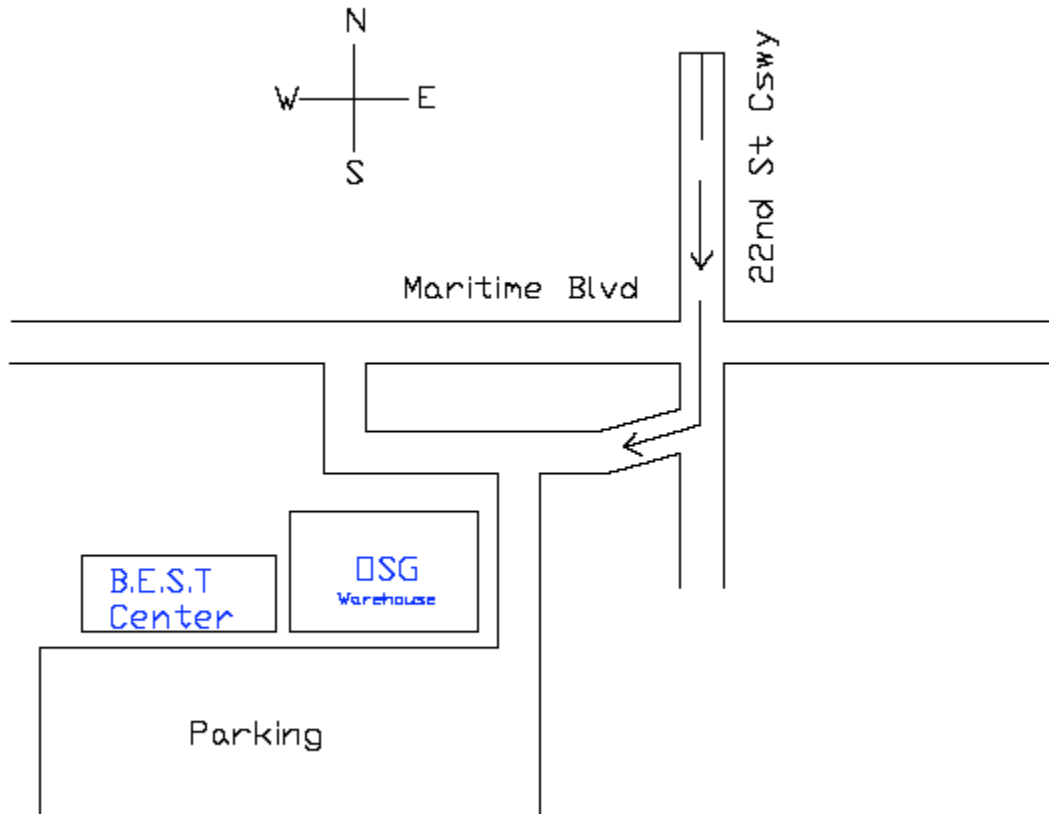
Go on-line to make reservations to ASMEFWCS.org

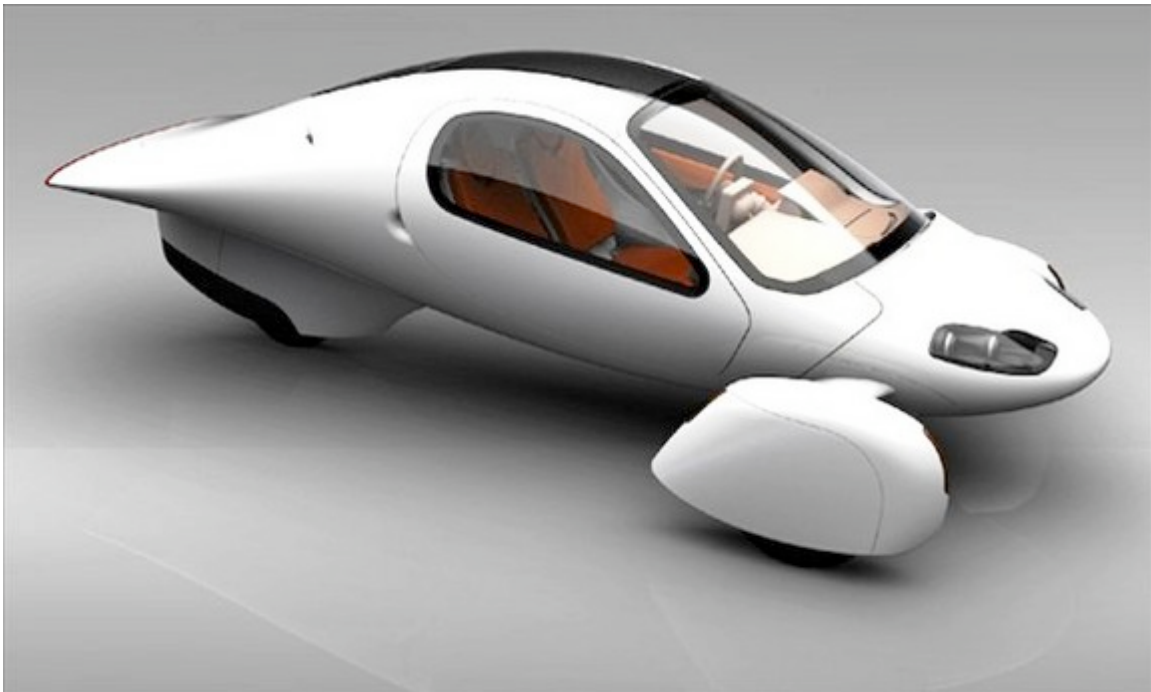
Dinner will be a buffet style featuring:

**Caesar Salad with Homemade Croutons & Freshly Grated Parmesan Cheese
Pasta Station Featuring Linguini & Cheese Filled Tri-Color Tortellini Served with Marinara,
Alfredo, & Pesto Sauces
Chicken Breast Cordon Bleu
Italian Style Whole Green Beans with Garlic & Butter
Assortment of Freshly Baked Breads & Butter
Dessert featuring Chocolate Almond Torte Cannoli and Napoleons**

Dinner will include the following beverages:

**Bottled Budweiser Select and Sam Adams
Corked Wines: Merlot and Chardonnay
Iced Tea, Bottled Water, & Sodas**





Automobile Maintenance and Repair with Emphasis on Electrical Problems

Instructor: Dr. Benjamin Ying

DATE: Saturday, April 12th, 2008

Time: 9:00 - 11:00 a.m.

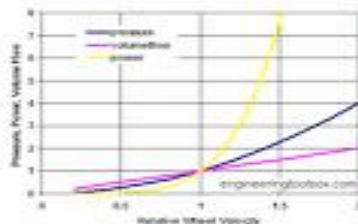
**Location: University of South Tampa, School of Engineering, Room
ENC 2407**

**Cost: \$10.00 for ASME members, \$25.00 for members requesting a
certificate.**

*** The seminar will provide a certificate of 2 PDH for PE license renewal.**

COURSE OUTLINE

1. Fundamentals of Electrical Circuit Resistance, capacitance, inductance, semiconductors, integrated circuits and their applications.
2. Details of Mechanical and Electrical Applications in Automobiles, Magnetic pickup, fuel injection, fuel pump, fuel filter, fuel gage, air pollution controls and instrumentations.
3. Reading Practice on Electrical Circuit Diagrams, Power distribution, engine ignition, fuel system, exhaust system, air conditioning, and instrumentation.
4. Commonly Used Tools: Wrenches, open end, box, socket (metric and British engineering), screw drivers, Hammers, saw, pliers, cutter, drills, and solder iron etc. Some power tools.
5. Examples of Easy to Do Items: Change fuse, light bulbs, battery, relays, alternator, starter, water pump, radiator, compressor, fuel pump, and spark plugs.
6. Some Heavy Jobs Such as Cylinder head removal, engine removal



TRAINING ON BASIC THEORY OF SELF-PRIMING/CENTRIFUGAL PUMPS MAINTENANCE AND OPERATION

WHERE: HUDSON PUMP & EQUIPMENT, 3524 CRAFTSMAN BLVD, LAKELAND, FLORIDA 33803

WHEN: THURSDAY, April 17, 2008 8:30 A.M. –3:00 P.M.

SESSION INCLUDES LUNCH

SUBJECT MATTER TO BE COVERED:

-BASIC SELF-PRIMING PUMP THEORY

- CURVES
- SIZING
- PUMP TERMINOLOGY (NPSH, CAVITATION, ETC.)
- BRAKE HORSEPOWER
- MECHANICAL SEALS AND PACKING
- BEST EFFICIENCY POINT

- SEVERAL HANDS ON WORKSTATIONS (ANSI PUMP, SELF-PRIMING, Etc)
- QUESTION AND ANSWER SESSION-CERTIFICATE UPON COMPLETION

-NO CHARGE MUST RSVP TO REGISTER CALL Cindy Baxter at 800-780-7867 or On-Line at www.hudsonpump.com or on our ASMEFWCS.com web-site

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