

FWEC

www.FortWayneEngineersClub.org

Engineers News

December, 2008 - Vol. LXXI No. 4

DECEMBER 18, UNIVERSITY of SAINT FRANCIS, 7 PM:

The School of Health Sciences at USF will be hosting our group for a demonstration of their state of the art simulators. There will be a presentation on how these simulators are used in nursing education, and some video clips showing the nursing students working with the simulators. You will also have a chance at taking care of one of the simulators - see how your nursing skills measure up! Tour site is located on the University of Saint Francis campus in the Doermer building on the corner of Leesburg and Spring St. The simulation lab is on the lower level in the northwest corner of the building. Our guide and presenter for the evening will be Jennifer Richard RN, MSN, Instructor, Department of Nursing, USF, (260) 399-7700 (ext 8530), jrichard@sf.edu. Simulator company site - www.meti.com

JANUARY 13, IVY TECH, 7 PM:

We are invited by the Machinist Group of Northeast Indiana to a presentation by bridge designer, Kurt Heidenreich, on the IPFW pedestrian bridges. The presentation will be held at Ivy Tech's auditorium on Tuesday, January 13th at 7PM on the east end of building. This is their regularly scheduled meeting which they make open to the public at no charge. John Schamber heads up the group, fwtoolman@hotmail.com. They are also running a tour of Ron Nahrwold's fantastic collection of antique machines in the spring. Info will be in a future newsletter for anyone who missed this fascinating tour and wants another chance.

JANUARY 15, TOUR at BAE on Taylor Street, 7PM:

BAE serves aerospace and defense end users and prime contractors with capabilities and products that improve operational safety and enhance mission effectiveness. The BAE tour will be January 15th and requires special preparations: Proof of US Citizenship (greencard holders too) is needed to attend the tour. An original birth certificate or legal passport (or greencard) is acceptable. Anyone attending must comply and bring documents that night. More later.
<http://www.baesystems.com/Businesses/EIS/Divisions/PlatformSolutions/index.htm>

Future tour ideas:

Hybrid buses – local conversions of PTC and School buses; Hupp Associates - military meals & light weight oxygen Pac; Analogue/digital TV broadcasting – old equipment or large 100,000 watt WOWO transmitter; City Utilities new St. Joe River Dam bldg. – CSO sewer plants/ \$250 million. Ideas?

(Question: Where does Fort Wayne water come from? The St Joe River Dam (by Johnny Appleseed Park) creates a reservoir that impounds water that is pumped to the beautiful limestone Filtration plant at the confluence of the three rivers. This system, built in the early 1930's, operates with much of the original system still in place today including the 20 million gallon clean water underground reservoir just west of the plant. Before the 30's upgrade city water came from deep rock wells in Lawton Park and about the city.)

Club Directory – will be included in the next newsletter.

Membership - Please send any dues that are due to Ryan Stark at 828 West Oakdale Dr., FW 46807, and include any donations for Engineering Student Scholarships.

Got some good ideas? Give your FWEC Officers or Board member a call.

President: Gene Dominique

VP: David Skaggs

Treasurer: Ryan Stark

Secretary: Jim Delaney

Board Members:

1st year: Jack Phlipot and Pat Delaney

2nd year: Ellsworth Smith and Mary Gynn

3rd year: Rob Cisz and Jon Rowe

TekVenture's Chain Reaction Challenge will be back in '09 and is scheduled for March 7th at the main ACPL. If you'd like to join a team with the FWEC or make up your own team and design/build a link, please contact Jim Delaney at (260) 484-8104.

JOBS, JOBS, JOBS – Please visit our website for the latest job listings. If you are aware of employment opportunities, please let us know and we'll post them on our website.

Treasurer, Fort Wayne Engineers' Club
828 West Oakdale Dr.
Fort Wayne, IN 46807

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Past Tours and Outings

NOVEMBER 20th Tour: EVI (Electric Vehicles Inc.)

Another excellent FWEC event included 70 attendees who were treated to a tour of the facility, and products and insights from an enthusiastic entrepreneur into the ins and outs of this cutting edge endeavor. EVI President, Jerry Medlin, conducted our tour of EVI, a manufacturer and wholesaler of low-speed electric vehicles and of the LC3s, whose equipment and inventory was moved from Odessa, Missouri this year. Jerry is involved in all aspects of this small company which produces material handling equipment for the automotive and airline industries, in addition to this new LC3 line which brings low-speed, on-road cars to consumers in the FW area and beyond. Jerry is very involved in many aspects of this emerging field of electric driven transportation including the recently announced hybrid bus conversions for local public transportation, as well as school buses. Much of the value of the evening was in the sharings of Jerry Medlin in addition to the facility and viewing LC3s in various stages of construction. Thanks to Club Member Daniel Metzger for the tour idea. (*"Did you know," there were over 400 US automobile companies in the early teens – more than half of them electric car companies?*)

OCTOBER 23rd Tour: Nahrwold Collection

The tour of Ron and Rose Nahrwold's wonderful and extensive collection of many old fantastic machines had 36 attendees. Anyone who missed this great tour will have another chance at an open tour sponsored by the FW Machinist group planned for the spring.

SEPTEMBER 25th Tour: The New 200' tall Air Traffic Control Tower at Fort Wayne International airport showed improvements over old 90' tower with a commanding view, presentation and radar room tour.

Last JULY 12th: The FWEC Club and Science Central's float received a 1st place trophy at the Three Rivers Festival Parade. "IMAGINE THIS" is this year's parade theme. Look for updates on committee formation and get involved in 2009.

Last June 7th: The Golf Outing was held at the Donald Ross Golf Course, South Calhoun Street.

Last May 25th: The tour at Science Central started with Martin Fisher's greeting and overview. Dan Delaney explained GE volunteer work on a new GE turbine generator exhibit to be over the old 1930's CL&P #2 Generator and will mimic running the power plant. Group also toured the boiler side, the top fan room floor, and the roof.

LASTLY....

- "Did you know," 100 years ago on Christmas Eve (12/24/08), City Light & Power connected its first customer other than city street lights and utility or government buildings? The 1908 rate was <10 cents/kwh, in 1923 it was ~7 cents, and today it is about 7 cents.
- On 12/4, FWEC helped support Science Central's program First Lego League Challenge: Climate Connections!
- This Web site below shows what technology can do when directed into a special effort, and one very special guy. A Dean Kamen presentation and film. <http://www.ted.com/talks/view/id/82>
- "Did you know" the Wabash Erie Canal started in Fort Wayne in 1832 at the summit? It's best to fill a canal at the high point.
- FWEC runs great tours. Invite your co-workers and ask if they want to join – \$10/yr – memberships on our web site.
- **Feel free to post this newsletter at your place of business!!**