

FWEC

www.FortWayneEngineersClub.org

Engineers News

April 2010 - Vol. LXXII No. 8

Science Central's 2nd Annual Trebuchet Competition

To FWEC members and friends. Science Central is trying to generate interest in the 2nd Annual Trebuchet Competition this summer. Who better than a bunch of engineers, for building and sending a bunch of trebuchets into a competition such as this? A trebuchet is a machine much like a catapult, but powered by gravity and uses a simple lever arm, designed to throw an object great distances with accuracy. This year, the Science Central competition is launching 2-pound bags of flour approximately 150 feet, targeting a 70-foot diameter circle. Get together with (or against) your engineering friends (or interested friends) and join in this fun activity. More information available at: <http://www.sciencecentral.org/trebuchet.htm>.

Dues

Delinquent members have now been dropped from the mailing list. If you have 10 (or greater) on your mailing label your all paid up. For info contact our Treasurer, Ryan Stark, 828 West Oakdale Dr. Fort Wayne, Indiana 46807.

Help Promote FWEC

FWEC runs great tours! Invite co-workers and ask them to join – only \$10 per year – memberships on our web site: www.FortWayneEngineersClub.org.

Feel free to post this newsletter at your place of business!

April Presentation and Tour

WHEN: April 29, 2010, at 7:00 P.M.

WHAT: Canlan Ice Sports Ice Arena off Lima Road, 3869 Ice Way Drive

This brand new, state-of-the-art multi-purpose facility is now open for Fort Wayne and the surrounding community. Fort Wayne has long been in need of more ice to satisfy the growing demand for ice sports, and Canlan Ice Sports has come to the rescue with this breathtaking new arena. Ice Sports Fort Wayne is the biggest and best new ice arena of its kind, and is a destination for the local community and nearby cities such as Indy, Chicago, Cleveland, and Detroit: www.icesports.com, <http://www.icesports.com/fortwayne/default.aspx> Our tour guide for the evening will be **Pat Johnson**, Operations Manager for Canlan ICE Sports. Pat has managed ice for the Philadelphia Flyers organization and even worked in Laredo, Texas for five years managing the ice for a professional team there. Pat said, "If I can keep ice in the desert, it shouldn't be any problem at all in Fort Wayne, Indiana." Pat will also give us an overview of the today's modern hockey equipment that supports such a fast paced game. If you have any questions for Pat, you can contact him at pjohnson@icesports.com

Upcoming Events

APRIL EVENT: TekVenture Chain Reaction

TekVenture's Chain Reaction Challenge will be held at the main downtown Library on April 24th. Come on down and enjoy the competition. Maybe next year you can enter a link and compete. Check out www.TekVenture.org for complete information!

MAY EVENT: Science Central Presentation

Our group has been invited by Martin Fisher to attend a presentation at Science Central on May 20th that will include the nearly complete GE generation exhibit and chronicle SC's efforts to acquire a new fascinating exhibit called "Science on a Sphere."

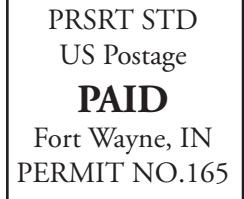
JUNE EVENT: Tin Caps... All You Can Eat, Thirsty Thursday, and Fireworks!

The Tin Caps have a group outing area at the Appleseed Picnic Pavilion where you get a ticket to the game, all you can eat food (hot dogs, hamburgers, pulled pork, chicken, sides) and soft drinks for \$20/adult and \$15/child. This will be the club's June event and will replace the normal June Golf Outing; the board felt this would be a great alternative. We have reserved Thursday, June 17th with game starting at 7:05 pm. This night is also a fireworks night. We believe with the game, meal, and fireworks, that this will be a great evening for you and your engineering friends, family, or outside engineer friendly friends. The Appleseed Picnic Pavilion is a neat place to eat and visit with plenty of nearby seats for the game. This event has been arranged by **Elizabeth Garr**, our club's VP. Send money to reserve your spot to **Ryan Stark**, Treasurer, Fort Wayne Engineers' Club, 828 West Oakdale Dr., Fort Wayne, Indiana, 46807.

Treasurer, Fort Wayne Engineers' Club

828 West Oakdale Dr.
Fort Wayne, IN 46807

Return Service Requested



Past Tours and Outings

MARCH TOUR: A tour of *WOWO Transmitter* was held at 7 PM Thursday, March 25th with 40 attendees who toured the old and new technology in broadcasting transmitters. The tour was at the transmitter site off of HWY 24 West (identified by a tall antenna) where the group saw the famous 100,000 watt transmitter which is now dormant and the new replacement digital equipment. **Jack Didier** and **Mogan David** were our tour guides. The group was also able to view some significant past radio history of the exciter for the almost implemented stereo AM system patented by our local engineer, Bob Streeter. <http://www.wowo.com/>

A second tour of the Norfolk and Southern's Lake Division dispatch center, at 7315 Nelson Rd was scheduled for March 4th and had 15 attendees.

FEBRUARY PRESENTATION AND TOUR: *2/18, at Indiana Tech's Andorfer building, Rm 207*

A presentation was given by **Viridian Architecture, Terry Thornsbury, Primary Engineering, Mike Lubbehusen**, and builder, **Michael Kinder and Sons (MKS) with Bill or Doug Kinder**. The presentation was followed by a tour of the under renovation **Seitz's Center** built in 1857 to become the Administration Center. The presentation included the installation of a geothermal multiple-building heating and cooling system. <http://www.indianatech.edu/News/Pages/Makeover.aspx>

FEBRUARY 20: *National Engineers Week Awards Banquet at the Andorfer Commons*

The lead organization for E-Week this year was the American Society of Civil Engineers and **Rick Slayback** was the Chairman. **Jake Dinius** headed up Achievement Awards, **Jim Delaney** nominations for Citizen Engineer, **Pat Delaney** handled public relations, **Amy Delaney** is treasurer, and **April Bledsoe** (2010 Citizen Engineer) was responsible for banquet arrangements.

The Engineers Week's activities included presentations of engineering to the public and reminders of the importance of engineering in daily living. FWEC provided presenters for the FWEC award and Weitzman sponsored awards – 22 awards were presented in all at the banquet. E-week web site www.indiana-eweek.org The banquet's keynote speaker was **Bill Sinish** who's father Don was the 1998 Citizen Engineer. Bill spoke about his company, Nature's Fuel and their project for converting Waste to Energy. The main focus of the presentation was about their current project with the city of Huntington, Indiana to process their municipal solid waste and use it to generate electricity and produce bio gas and bio oil as byproducts from the pyrolysis process. This presentation was very current and green. <http://www.naturesfuel.net/nf2/naturesfuel.cfm>

JANUARY TOUR: *Norfolk and Southern's Lake Division Dispatch Center*, 7315 Nelson Rd, Fort Wayne. There were 16 attendees to the Thursday night, January 21, 2010, tour at the RR yards along Nelson Rd. west of New Haven. The dispatch center is a secure site, considered important by Homeland Security in the service it performs moving goods in the eastern part of our country – only two major RR systems perform shipping in the eastern part of our country. Norfolk and Southern employs about 30,000 people compared to 200,000 in the past. Our tour guide was Train Master, **Bruce Carpenter** who was most informative and helpful and answered many questions. This Lake Division is NS's second largest division out of its eleven and this high tech dispatch center, renovated early 2009 is in the former Nickel Plate open air round house for steam engines. All Lake Division dispatchers work from here with about 50 people handling 100 trains a day. Divisions dispatched from here include: 1. Sandusky, Toledo, Cleveland; 2. Columbus, Dayton; 3. New Castle Frankfort; 4. Chicago, Marion; 5. Fostoria, Lima.

Joke

Understanding Engineers - Take Five: The graduate with a science degree asks, "Why does it work?" The graduate with an engineering degree asks, "How does it work?" The graduate with an accounting degree asks, "How much will it cost?" The graduate with an arts degree asks, "Do you want fries with that?"