



Fort Wayne

ENGINEERS' Club

www.FortWayneEngineersClub.org

Engineers News

April 2013 - Vol. LXXV No. 8

April Tour

Lingenfelter Performance Engineering

Thursday, April 25th, at 6:00 PM
1557 Winchester Road, Decatur, IN 46773

The April FWEC tour will be hosted by Lingenfelter Performance Engineering (www.lingenfelter.com). Lingenfelter Performance Engineering was founded over 40 years ago and is a globally recognized brand in the performance engineering industry. The company offers engine building, engine and chassis tuning components and installation for vehicle owners; component product development; services to manufacturers, aftermarket and original equipment suppliers; prototype and preparation of product development vehicles; late product life-cycle performance improvements; durability testing; and show and media event vehicles.

The owner of Lingenfelter Performance Engineering is Ken Lingenfelter. Ken is also the owner of the Lingenfelter Collection - a collection of Corvettes, muscle and exotic cars that is located in Brighton, Michigan.

June Event

Fort Wayne Tin Caps

Thursday June 20th, First Pitch at 7:05 PM
Parkview Field, 1301 Ewing Street, Fort Wayne, IN 46802

The FWEC will have a night out at the ballpark. Grab the family and join your fellow FWEC member for an all-inclusive night. For \$25/adult participants will have seating in the "Home Run Porch" with the Tin Caps "Grand Slam" package. The "Grand Slam" package provides dinner in an all-you-can-eat variety from 1 hour prior to the first pitch and 30 minutes after (for our night from 6:05 to 7:35). The dinner menu includes: hamburgers, hot dogs, brats with sauerkraut, pasta salad, potato salad, macaroni & cheese, apple crisp desert, and soft drinks. To up the ante, June 20th's game is a "Thirsty Thursday" where domestic beer is \$1 and boasts post-game fireworks.

The FWEC only has a specific number of seats held in reservation. Please let treasurer Ryan Stark know if you (and your friends and family) will be attending at fortwayneengineersclub@yahoo.com. You will then need to mail your check to: FWEC Treasurer C/O Ryan Stark, 828 West Oakdale Drive, Fort Wayne, IN 46807. All tickets must be paid prior to June 1st.

March Tour History

On Thursday, March 28th the Fort Wayne Engineers Club was treated to a very informative and well attended tour (approx. 25 attendees) at Summit City Bicycles, 3801 Lima Road. Tim Wegner and David Coar hosted the tour. David is Summit City's fitting specialist and Tim is their Service Manager. Many aspects of cycling were discussed including tires, wheels, frames, seats, and interactive computer trainers. Most impressive was a carbon fiber wheel priced at \$2,800 they passed around to show how light they are. A complete racing bike may weigh around 15 lbs. David and Tim reviewed bicycle types including, road bikes, mountain bikes recumbent and their currently most popular - comfort bikes. The Elektra Townie comfort bike was Summit Cities number one seller last year, accounting for about 20% of Summit City's bikes sold. Although comfort bikes aren't designed for efficiency, to put the power to the pavement, they are designed to be comfortable. David explained bicycle seating technology and how it's gone from torture devices to ergonomically fit products. He also brought out a bike with huge tires designed to be ridden in snow or sand with 6-12 psi tire pressure. The tires are so large (see blue frame bike in picture of David) that they won't damage cross country ski trails. If you have bicycle questions or need service, or it's time to get a comfortable bike, Summit City Bicycles is the place to go.



Future Tours

The FWEC is investigating Lingenfelter Performance Engineering as a potential April tour and a Chevy Volt presentation as a potential for May.

Welcome New FWEC Member

Welcome to new member Fred Austin Lucas BSME at Fort Wayne Metals.

Please encourage your co-workers to join the FWEC; at \$10/year it's one of the best deals in town!

In Memoriam

The FWEC would like to remember John F. Rosencrans. John, 94, passed away on Thursday, Feb. 7, 2013 at Heritage Park Health Care Center, Fort Wayne. Born in Des Moines, Iowa, John worked as a Professional Engineer with G.E. for five years, U.S. Rubber Co for 10 years, and Bowsers for three years. He was a member of St. Charles Borromeo Catholic Church. He was a former President of Ranchwood Civic Association, Senior C.Y.O. and the Fort Wayne Engineers Club; Vice President of Allen County Community Development, and Secretary of St. Joe Township Fire Protection Association. He also taught at IPFW for 25 years, and R.V.C. part time for 25 years. He also enjoyed volunteering at Matthew 25, Science Central, and with R.S.V.P. Surviving are his son, James E. (Jacqlyn) Rosencrans of Columbia City; son, Richard (Monica) Rosencrans of Edmond, Okla.; daughter, Ariel (Dane) Rose of Ashland, Ore.; daughter Mary "Cathy" (Clyde) Simerman of Fort Wayne; 10 grandchildren; and four great-grandchildren. He was preceded in death by his wife, Ida May Rosencrans; daughter, Jean Stopher; and parents, August and Margaret Rosencrans. Mass of Christian Burial was Tuesday, Feb. 12, 2013, at St. Charles Borromeo Catholic Church. 4916 Trier Rd. Burial in Highland Park Cemetery.

2013-2014 FWEC Membership Year Board Openings

The FWEC has board membership openings for the 2013-2014 year. We're in need of a Vice President (who would then become President in the 2014-2015 year) and one board member (this is a three year term). For more information about the board positions, please consult the FWEC constitution () or contact a standing board member. Any interested party should let us know at fortwayneengineersclub@yahoo.com.

Northeast Indiana Engineers' Week Academic Award Contributions

Does your company or business give back? Would you like to see them support local engineering and engineering students? The Northeast Indiana Engineers' Week Committee is looking for companies that would be interested in contributing toward the Academic Awards that are presented to local engineering students during National Engineers' Week. If you, or your company, have interest in contributing please contact Jake Dinius at j_dinius@yahoo.com. Additional information regarding academic awards can be found: .

International Learn to Fly Day

On May 18th from 9:00 AM to 1:00 PM the EAA (Experimental Aircraft Association) Chapter 2 (www.eaa2.org) will host Intl Learn to Fly Day at Smith Field Airport

(SMD). Free seminars on flight training at 10:00 AM, 11:00 AM, and 12:00 PM by Sweet Aviation. Introductory flights in a Diamond DA20 or DA40 will be available (weather permitting) for \$59 and will include a logbook. View static aircraft; visit with pilots, flight instructors and location aviation organizations. Please join the EAA Chapter 2 for Learn to Fly Day and bring a friend!

Allen County Sheriff's Citizen's Academy

In 2012 FWEC member Jake Dinius participated in the Allen County Sheriff's Citizen's Academy; he highly recommends it to other civic minded persons interested in better understanding law enforcement operations. The Sheriff will take applications from July 1-31 for the 2013 Academy scheduled to start in August. There is no cost for this program. Additional information is available at: . For an application, please contact Laura Braun at (260) 449-7415 or laura.braun@co.allen.in.us

The Allen County Sheriff's Citizen's Academy offers residents the opportunity to have an in-depth exposure to the real world of law enforcement, along with learning the many divisions of County Government. Department instructors and staff will give presentations about the many aspects of law enforcement including patrol, criminal investigation, crime scene processing, K-9, SWAT operations, along with touring many of the County buildings. The Academy meets every Wednesday from 6:00 PM to 9:00 PM for 12 weeks. The Citizen's Academy is open to all Allen County residents 16 years and older. Citizens 13 to 15 years old may attend the Academy if they are accompanied by a parent or legal guardian. The next session of the Allen County Sheriff's Citizen's Academy will be August 21st through November 6th, 2013. The classes will be held at the facility located at 5080 Adams Center Road, Fort Wayne, IN 46806.

2012-2013 FWEC Board

President: John Magsam
Vice President: MieLecia Martin
Treasurer: Ryan Stark
Secretary: Elizabeth Garr

1st Year Board Members: Dan Delaney & David Momoh
2nd Year Board Members: Jim Delaney & Jack Phlipot
3rd Year Board Members: Deborah Pitzer & Robert Vargo
(Replacement for Ralph Snyder)

Engineers' News Past

The FWEC has a significant history; Treasurer Ryan Stark and his wife were able to find past Engineers News documents dating back to 1938! Here is an excerpt of the past newsletter ([click here to view the original newsletter](#)):

Engineers' News from February 1939:

ILLUSTRATED TALK ON FIBERGLAS TO BE SPONSORED BY THE FORT WAYNE CHEMISTS CLUB

Definite arrangements now have been made for a joint meeting of the Fort Wayne Chemists Club and the FWEC to be held at the Chamber of Commerce, Tuesday, March 7, at 8:00 PM.

Mr. Randall Hagnes of the Owens-Corning Fiberglas Corporation will talk on the history and development and manufacture of Fiberglas and its present interesting uses in the electrical, thermal, insulation and chemical filtration fields. He will also discuss some of its many other possible uses.

MOTION PICTURES TO BE SHOWN. Motion pictures of the manufacture and possible uses of this material will also be shown. Samples of Fiberglas in its many forms will be on display, available for observation and inspection.

Fiberglas is a mineral fiber, the only artificial textile fiber to come from nature without passing thru an animal or vegetable form. There are two methods of producing Fiberglas, the "continuous filament" process and the "staple fiber" method.

Glass marbles are used to feed the miniature electrically heated tanks employed in making glass filaments or fibers. Marbles are used because it has been found easiest to control the purity of the glass in this form. A high degree of purity is necessary in making glass fiber and filaments with diameters of 0.0002 inch. From one of these glass marbles, three-fourths of an inch in diameter, approximately 97 miles of single continuous filaments can be produced.

All of these and many more facts concerning this interesting material will be discussed at the meeting. Therefore, every member is urged to be present and invitations are extended to the A.I.E.E and others who may be interested in the subject. So, remember the date, March 7.

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