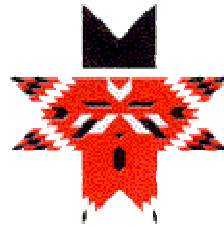


THE REPORTER

Journal of the Central Indiana Section • IEEE



Annual Central Indiana Picnic and Indianapolis Indians Baseball Game

Sunday, July 16, 2017

Picnic: 12:30 PM

Game: 1:35 PM

1st Base Party Terrace

Victory Field

Register for your tickets early to get a discount and before they run out. Bring your family and hang out with your fellow IEEE members while enjoying a catered lunch on the 1st base party terrace and cheer for your Indianapolis Indians as they take on the Louisville Bats.

The gates open at noon, the game starts at 1:35pm and goes till it's over (average professional baseball game lasts 2 hours and 50 minutes). Lunch is laid out between noon and 12:30 and is usually left out for a couple of hours. Included drinks (water, soda, & beer) are available from noon until the game ends. Other alcoholic beverages can be purchased up until the end of the 7th inning. Your tickets will be available under your name at Victory Field's will-call window on the day of the game.

Our ticket prices remain the same as last year!

Register before July 1st:

- \$25 IEEE Members and Adult Guests
- \$15 IEEE Student Members
- \$15 Child Guests aged 3-17 (children 2 and under are free)

Register after July 1st

- \$30 IEEE Members and Adult Guests
- \$15 IEEE Student Members
- \$15 Child Guests aged 3-17 (children 2 and under are free)

<https://meetings.vtools.ieee.org/m/44290>

Power & Energy / Industry Applications / Power Electronics Society News



2017 Officers

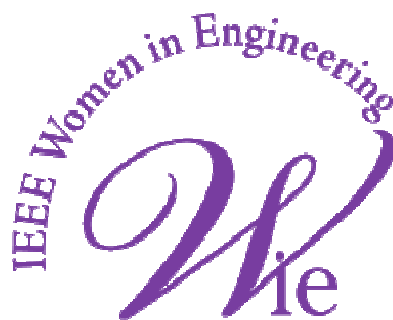
Diana Vasquez, Chair, PES/IAS/PELS
Ben Huckaba, Vice-Chair, PES/IAS/PELS
Gary Rhodes - Secretary, PES/IAS/PELS
Jerry Hohn - Treasurer, PES/IAS/PELS
Mike Darnell - L31 Office, PES/IAS/PELS

May Meeting | BorgWarner Tour

The May meeting included a presentation and tour of the BorgWarner facility located in Anderson, Indiana. They have systems that span from standard automotive generators (typically called alternators) all the way to Hybrid Bus machines. The CIS would like to thank Dave Peter of Power Electronics for hosting this meeting.

June Meeting - Distributed Clean Energy Infrastructure Presentation

The June meeting was a presentation on distributed clean energy infrastructure at the MISO headquarters. Our ability to generate, store, and utilize DC electricity locally from clean and sustainable energy sources without the need for long-range transmission and distribution system enables the possibility for transformational changes in the electric utility and transportation infrastructures. The use of DC electricity enhances system-wide efficiency and reduces the overall cost. DC and hybrid microgrids powered by distributed clean energy sources such as wind and solar PV systems can rapidly contribute to human development around the world, and especially in emerging economies. Likewise, electric vehicles powered with clean energy technologies have the potential to dramatically impact the impending global climate changes. This talk will discuss the current status and emerging trends in this strategic technology.



IEEE Women in Engineering Leadership Summit
October 5-6, 2017
Marriott Downtown Indianapolis

We are excited to announce that our section has been selected to host an IEEE WIE Leadership Summit. Watch your email for more information. Please contact Isabel Lujan at isabel.lujan@ieee.org, if you would like to help with the summit or be part of the planning committee.

EnCON 2017
November 10-11, 2017
Indiana University

Mark your calendars for November 10 and 11, 2017. We will be holding our annual Engineering Conference, EnCON, at Indiana University, Bloomington, IN. Visit the conference website at <http://www.cis-ieee.org/encon2017/>

Find out more about the Bachelor of Science in Intelligent Systems Engineering at IU at <http://www.soic.indiana.edu/undergraduate/degrees-certificates/bs-engineering/index.html>

Call for Volunteers

The IEEE Central Indiana Section is always looking for energetic members that have a little time to help their section and community. We currently have the following Executive Committee positions open:

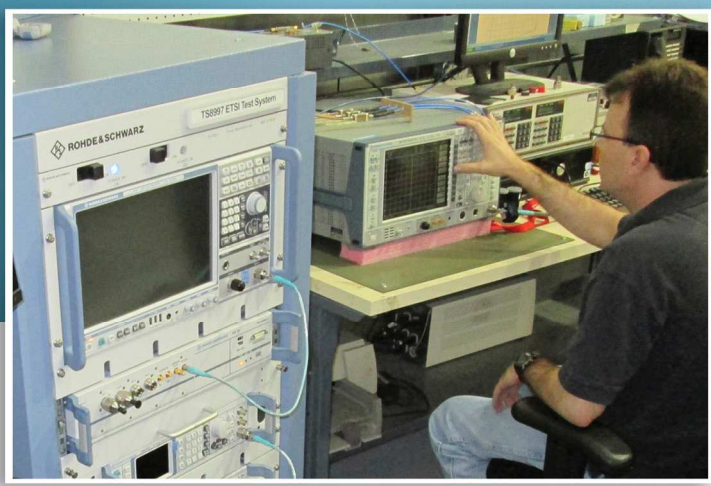
- **Young Professionals Chair**
- **Membership Development Chair**
- **PACE Chair**

If you have an interest in volunteering for any of these positions, would like more details on the positions, or want to help serve your local IEEE Section in any other capacity, please contact Bob Evanich:

b.evanich@ieee.org

Volunteering can also be a good resume builder and as always, thank you for volunteering!!

Streamlined Wireless Testing



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- | | | |
|-------------------------|------------|-----------------|
| Home Automation/IoT | Wi-Fi/WLAN | ISM Band |
| Remote Control | Bluetooth® | Z-Wave |
| Security Systems | Zigbee® | NFC |
| Wireless Power Transfer | RFID | UNI |
| Wireless USB | GPS | Radar Detectors |



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2017 Meeting Calendar

Date	Host	Subject	Location
July 16	CIS	Indians Baseball Picnic	Victory Field
July 20	CIS	Ex-Com Meeting	Duke Energy, Internet/Phone Bridge
Oct 5-6	WIE	WIE Leadership Summit	Marriott Downtown Indy
Nov 10-11	CIS	EnCON	Indiana University

... Check the [Section web page](#) for details and current information.

ADVERTISER EVENT

DLS: dlsemc.com	See Advertisement on Page 3	Northbrook, IL
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Central Indiana Engineering Web Links

ACEC	American Council of Engineering Companies, Indiana	acecindiana.org
ASCE	American Society of Civil Engineers	inasce.org
ASME	American Society of Mechanical Engineers	sections.asme.org/central_indiana
ASM-INDY	American Society for Metals - Indianapolis	asm-indy.org
CIECN	Central Indiana Engineering Consultants Network	indy-engineer.dnsalias.com
CINLUG	Central Indiana Linux Users Group	cinlug.org
IHIF	Indiana Health Industry Forum	ihif.org
INCOSE	International Council on Systems Engineering	incose-coa.org
INDSPE	Indiana Society of Professional Engineers	indspe.org
INDYASHRAE	American Society of Heating, Refrigeration, and Air Conditioning Engineers	indyashrae.org
NSBE-IAE	National Society of Black Engineers - Indianapolis Alumni Extension	nsbe-ip.org
PIMCIC	Project Management Institute - Central Indiana Chapter	pmicic.org
SAE	Society of Automotive Engineers, Indianapolis	saeindiana.org
Scientech	Scientech Club in Indianapolis	scientechclub.org
SHPE	Society of Hispanic Professional Engineers	shpe-indiana.org
SIM	Indianapolis Chapter of Society for Information Management (SIM)	SimNet.org
SWE-CI	Society of Women Engineers - Central Indiana Section	swe-ci.com
Techpoint	A diverse collection of technology-based Indiana industries.	Techpoint.org

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 Distribution: The Reporter is made available electronically to the approximately 1800 IEEE members within the Central Indiana Section including student members and faculty of Purdue, Rose-Hulman Institute of Technology, IUPUI, Ball State and Indiana State

Central Indiana Section Officers

Section Advisor David Koehler	(317) 441-2076 david.koehler@ieee.org	Professional Activities (PACE) Vacant	
Director (Past Chair) Phil Walter	(812) 223-6520 phil.walter@ieee.org	Newsletter Editor Henry Shi	(917) 622-2521 shi206@purdue.edu
Chair Bob Evanich	(317) 838-2268 b.evanich@ieee.org	Webmaster Oladodja Gbadamassi	(317) 531-5356 ogbadama@umail.iu.edu
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Communications Society John Greene	(765) 591 - 6433 jgreene@nltc.net	Indiana State Student Branch Jacob Warrick	(765) 299-2195 jwarrick2@sycamores.indstate.edu
Central Indiana Engineering Consultants Network (CIECN) Chairs Will Kassebaum	(317)-225-4126 will.kassebaum@IEEE.org	IUPUI Student Branch Tanner Atkins	(317) 694-9238 tkatkins@iupui.edu
Women in Engineering Isabel Lujan	(812) 565-3777 isabel.lujan@ieee.org	IUPUI Student Branch - Elect Aalan Miranda	(317) 702-6342 aamirand@imail.iu.edu
Young Professionals Vacant		Purdue University Student Branch Flor Albornoz	(702) 406-5828 falborn@purdue.edu
		Rose-Hulman Student Branch Jacques St. Louis	(352) 455-1034 stlouijv@rose-hulman.edu

Editorial Policies

Each issue of The Reporter typically references three months - the month in which it is published and the following two months. The Reporter is typically published in March, June, September, and December.

Material to be included should be submitted mid-month prior to the month it is to be published. For example, material intended for the September issue should be submitted to the Editor by August 15. The Editor will send a reminder to all IEEE Central Indiana Section entities by the 25th of the month to submit their updates.

Copy should be submitted electronically. Photographs are desirable. Advertisements are welcome. Contact the editor, Umama Tasia, for layout sizes and rates at umama.tasia.us@ieee.org

How Do You Communicate??

Follow Section Social Media

Want to know what is happening in Central Indiana Section? Don't know where to look? Already inundated with eNotices? Need to ask a question? Want to find an expert? Got a meeting idea?

Here are some of many communication channels available in Central Indiana Section



- Conference Facebook Page: 2016 IEEE-CIS Encon Conference & Workshop
<https://www.facebook.com/IEEECISEnCON/>
- Section Facebook Page: IEEE - Central Indiana Section
<https://www.facebook.com/IEEE-Central-Indiana-Section-1426165320970908/?fref=ts>
- WIE Facebook Page: IEEE - CIS Women in Engineering
<https://www.facebook.com/IEEE-CIS-Women-in-Engineering-223901364430386/?fref=ts>
- Student Branch members are encouraged to join "IEEE Region 4 SAC":
<https://www.facebook.com/groups/r4sac/>



- IEEE's own Social network provides participants with professional and technical networking opportunities in and around Indianapolis.
<https://ieee-collabratec.ieee.org/app/community/54/activities>

CIS Home Pages

- Start with the main site. (www.cis-ieee.org) Check out the calendar of events, or link to the many IEEE groups in Central Indiana Section, including all of the Student Branches.

Conference Page

- Check Out Conference details: Program Overview, Workshop Info, Speakers, Student Poster Contest and Registration Info : (<http://cis-ieee.org/EnCON>)
- Not getting E-Notices? E-Notices are not only a resource for keeping in touch with the activities throughout CIS, but you will also receive information on topics of interest throughout IEEE

eNotices

- Login to myIEEE from the IEEE Home Page (www.ieee.org) and sign-up!
- Check out the calendar of events, at the main site. (www.cis-ieee.org)