CIS-IEEE ELECTION RESULTS

Congratulations and thanks are in order for the following persons who will be serving the section in 2012

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>David Koehler</td>
</tr>
<tr>
<td>Vice-chair</td>
<td>Yuetong Lin</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Herschel Workman</td>
</tr>
<tr>
<td>Secretary</td>
<td>Stavan Dholakia</td>
</tr>
<tr>
<td>Director - 1st year</td>
<td>Phil Walter</td>
</tr>
<tr>
<td>Director - 2nd year</td>
<td>Steve Shen</td>
</tr>
<tr>
<td>Comp Soc Chapter</td>
<td>Matt Etchison</td>
</tr>
<tr>
<td>Comm Soc Chapter</td>
<td>Xiaolong Li</td>
</tr>
<tr>
<td>EMB Chapter</td>
<td>Jake Chen</td>
</tr>
<tr>
<td>PELS Chapter</td>
<td>Chapter is in formation</td>
</tr>
<tr>
<td>PES/IAS Co-chapter</td>
<td>Earl Hill</td>
</tr>
<tr>
<td>SPS Chapter</td>
<td>David Love</td>
</tr>
<tr>
<td>CIECN Co-chair</td>
<td>Brad Snodgrass</td>
</tr>
<tr>
<td>CIECN Co-chair</td>
<td>William R. Kassebaum</td>
</tr>
<tr>
<td>GOLD</td>
<td>Diana C. Vasquez</td>
</tr>
<tr>
<td>Student Representative</td>
<td>Open</td>
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</table>

<table>
<thead>
<tr>
<th>Committees</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centennial Committee</td>
<td>Marvin Needler</td>
</tr>
<tr>
<td>Constitution/Bylaws</td>
<td>Kishan Ranasinghe</td>
</tr>
<tr>
<td>EIT2012 Planning Committee</td>
<td>Phil Walter</td>
</tr>
<tr>
<td>Finance Committee</td>
<td>Joseph Benek</td>
</tr>
<tr>
<td>Historian</td>
<td>Marvin Needler</td>
</tr>
<tr>
<td>Indians Baseball Picnic Committee</td>
<td>Phil Walter</td>
</tr>
<tr>
<td>Membership Development</td>
<td>Earl Hill</td>
</tr>
<tr>
<td>Newsletter</td>
<td>Helen McNally</td>
</tr>
<tr>
<td>PACE</td>
<td>Yaoyu Wang</td>
</tr>
<tr>
<td>Pre-university/Student Affairs</td>
<td>Brad Snodgrass</td>
</tr>
<tr>
<td>Webmaster</td>
<td>Bob Evanich</td>
</tr>
</tbody>
</table>
### Student Branch Advisors and Chairs

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yao-Bin Chen</td>
<td>IUPUI Student Branch Advisor</td>
</tr>
<tr>
<td></td>
<td>IUPUI Student Branch Chair</td>
</tr>
<tr>
<td>Chih-Chun Wang</td>
<td>Purdue U Student Branch Advisor</td>
</tr>
<tr>
<td></td>
<td>Purdue U Student Branch Chair</td>
</tr>
<tr>
<td>Keith Hoover</td>
<td>RHIT Student Branch Advisor</td>
</tr>
<tr>
<td></td>
<td>RHIT Student Branch Chair</td>
</tr>
<tr>
<td>Andrew Milluzzi</td>
<td>ISU Student Branch Advisor</td>
</tr>
<tr>
<td></td>
<td>ISU Student Branch Chair</td>
</tr>
<tr>
<td>Eric Anshutz</td>
<td>ITT Student Branch Advisor</td>
</tr>
<tr>
<td></td>
<td>ITT Student Branch Chair</td>
</tr>
</tbody>
</table>

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### The CIS 2012 Planning Meeting

![Meeting photos]

* * * * *
SECTION NEWS
by Yuetong Lin

ISU has established its student chapter with at least twelve new student members. Four of them attended the Region 4 student leadership conference on October 15.

Dr. Xiaolong Li, an assistant professor of Electronics and Computer Engineering Technology at ISU, became an IEEE member and has volunteered to help the communication society.

Vice-chair Yuetong Lin has completed the review and revision of section bylaws. The draft was submitted to the Executive Committee for further discussion and actions.

* * * * *

New Senior Members in CIS
Congratulations to the following newly upgraded senior members

- Jeffrey Duff
- Maryam Saeedifard
- Jason Wells

* * * * *

EIT Conference – Indianapolis 2012
The Central Indiana Section of the IEEE is pleased to announce that the 2012 IEEE International Conference on Electro/Information will be held in Indianapolis in May 2012. It will be held at the IUPUI University Place Conference Center & Hotel. The IUPUI facility is an excellent venue, and will highlight IUPUI, CIS-IEEE and the city of Indianapolis.

In the past, the conference has focused on basic/applied research results in the fields of electrical and computer engineering as they relate to IT and its applications. The purpose of the conference is to provide a forum for researchers and industrial investigators to share principles, practices, concepts, and experiences and exchange ideas and discuss developments. The interplay between academy and industry results in a better understanding of the impact of this growing field. There will be exhibits where the latest technology tools and products will be showcased. This is also an opportunity for professional development, workshops and tutorials.

This conference is a major IEEE event and the CIS-IEEE is proud to have an opportunity to host it. Planning is well underway, and the CIS is looking for volunteers in a number of areas to support the conference. If you are interested, kindly consult our website, the EIT 2012 website, or contact Mr. Phil Walters, Phil.Walter@IEEE.org, CIS-IEEE Chair, for more details.

* * * * *
2012 CIS-IEEE CENTENNIAL CELEBRATION

Has it already been 100 years? Time sure goes fast when you’re on the cutting edge of technology, doesn’t it? CIS-IEEE is planning a year-long celebration of its centennial. All members are welcome to suggest activities, commemorations, provide historical documents, plan events, provide historical memories, etc. Any of you who are so interested please contact any of the officers of CIS. We are especially interested in Senior/Life members whose history with CIS would provide a unique resource.
How Do You Communicate??

Want to know what is happening in Central Indiana Section? Don’t know where to look? Already inundated with E-Notices? Need to ask a question? Want to find an expert? Get a meeting idea?

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

Find the Central Indiana Engineering Consultants’ Network and the Central Indiana Section Communications Society, as well as several other IEEE related organizations on LinkedIn.

Student Branch members are encouraged to join “CIS-IEEE Student Branches” group on Facebook. Several opportunities for students and student branches have been posted there. The Facebook group also provides and opportunity for CIS student members to interact or to make contact with student members outside of Central Indiana. There is no substitute for a good network, but be aware that some hiring managers are also checking these sites.

Communications Society members can find “COMSOC – Central Indiana Section” on Facebook.

Start with the main site. Check out the calendar of events, or link to the many IEEE groups in Central Indiana Section, including all of the Student Branches.

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

Login to myIEEE from the IEEE Home Page and sign-up! with the main site. Check out the calendar of events,

Central Indiana Section's K-12 Educational Outreach Mailing List

Want to keep abreast of all the educational activities in Central Indiana? Need help with or an idea for a project? Want to share ideas with educators, administrators, and engineers? You need to join the CIS K-12 Outreach Mailing List.

You need not be an IEEE member to join the list. In fact, we would like to have as many educators and administrators as possible on the list.

The only requirement is an interest in improving technological literacy in Central Indiana.

To Join, send an email message to LISTSERV@LISTSERV.IEEE.ORG with the following in the body of the message SUBSCRIBE CIS-K12-OUTREACH <full name>. (Example: SUBSCRIBE CIS-K12-OUTREACH Brad Snodgrass) Your email needs to originate from the email address at which you wish to receive messages.

For more information, you can contact Brad Snodgrass at bsnodgrass@ieee.org.

See you there.
For immediate release

Learn how to design your product to comply with the many EMC regulatory requirements at the lowest cost

EMC by Your Design
An EMC Practical Applications Seminar and Workshop

Now offered in 3-day format

Tues. April 17 – Thurs. April 19, 2012

Hilton Hotel, Northbrook, IL

847-537-6400
www.dlsemc.com/1001

Students will learn how an electronic circuit becomes a radio transmitter, how the physics of even the simplest devices such as capacitors, inductors and shielding can help or hinder compliance and how to control the design to minimize emissions. They will be lead step-by-step through sample calculations, be introduced to take-home proprietary software and be led through trouble shooting a product that does not meet the requirements. Additionally, attendees will be offered an exclusive, hands-on personal consultation with the instructor or technical staff to apply what has been learned to their specific product, possibly saving them tens or hundreds of thousands of dollars in reduced testing, reduced time to market and reduced final product cost.

Classes start with the fundamentals of electromagnetic compatibility, including understanding the many EMC regulatory requirements including FCC, CE, US Military, RTCA-DO-160 and those of many foreign countries. It then focuses on the methodology of how to minimize EMC problems, starting with the design process through final testing and approval, all of which are brought to life through hands-on practical application to real life products. Also included will be a guided tour of the largest independent EMC and Product Safety facility in North America. This newly updated curriculum was developed by Donald L. Sweeney and his associates.

Press Release submitted by
Marilyn Sweeney
D.L.S. Electronic Systems, Inc.
1250 Peterson Drive
Wheeling, IL 60090
847-537-6400
www.dlsemc.com

PRESS RELEASE
A note from your editor:
For the past four years it has been my pleasure to serve as your newsletter editor. I have decided to move on. Helen McNally has generously agreed to serve in 2012. As you have done for me in the past, please continue to supply her with articles, pictures, meeting schedules, notes of interest, etc. as that is what makes the newsletter!
Karl Huehne

* * * * * *

### 2012 Meeting Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Host</th>
<th>Subject</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, January 10</td>
<td>PES/IA/IUPUI Student Chapter</td>
<td>CIS-IEEE Centennial Seminar: Ball Lightning</td>
<td>Indianapolis Power &amp; Light Engineering Building, Indianapolis</td>
</tr>
<tr>
<td>January TBD</td>
<td>CIS</td>
<td>Executive Committee Meeting</td>
<td>TBD</td>
</tr>
<tr>
<td>Thursday, February 16, 6:00 pm</td>
<td>CIS</td>
<td>Executive Committee Meeting</td>
<td>TBD</td>
</tr>
<tr>
<td>Saturday, February 18</td>
<td>CIS</td>
<td>E-Week at Children’s Museum</td>
<td>Indianapolis Children’s Museum</td>
</tr>
<tr>
<td>Tuesday, March 13</td>
<td>PES/IAS</td>
<td>Advances in Partial Discharge Detection and Diagnosis</td>
<td>Indianapolis Power &amp; Light Engineering Building, Indianapolis</td>
</tr>
<tr>
<td>March TBD, 6:00 pm</td>
<td>CIS</td>
<td>Executive Committee Meeting</td>
<td>TBD</td>
</tr>
<tr>
<td>Tuesday, April 10</td>
<td>PES/IAS</td>
<td>Small Modular Reactors</td>
<td>Indianapolis Power &amp; Light Engineering Building, Indianapolis</td>
</tr>
</tbody>
</table>
Central Indiana Section Active Volunteers

Director (317) 225-4126 Will Kassebaum Will.Kassebaum@ieee.org

Director (317) 706-9215 Steve Shen sshen@itt-tech.edu

Chair (812) 233-6520 Phil Walter Phil.Walter@ieee.org

Vice Chair (812) 237-3399 Yuetong Lin lin.yuetong@gmail.com

Treasurer (317) 441-2076 David Koehler davidkoehler46259@gmail.com

Secretary (317) 985-5360 Karl Huehne khuehne@ieee.org

Power & Energy/Industry Applications Societies (317) 726-1236 Earl Hill eshill@loma-consulting.com

Computer Society (317) 715-8598 Matt Etchison Matthew.Etchison@inin.com

Signal Processing Society (765) 496-6797 David Love djlove@ecn.purdue.edu

Central Indiana Section Active Volunteers (cont’d)

Webmaster (317) 838-2268 Bob Evanich b.evanich@ieee.org

GOLD Chair (317) 340-5905 Diana Vasquez dcvasque@ieee.org

Communications Society OPEN

Constitution and Bylaws OPEN

Historian (317) 845-5050 Marvin Needler mnnpn@juno.com

Pre-university/Student Affairs (317) 679-6194 Brad Snodgrass bsnodgrass@ieee.org

IUPUI Student Branch ieee@iupui.edu

ITT Tech Student Branch CIS-IEEE

Representative

Mohammed Boudaia MBoudaia@itt-tech.edu

Rose - Hulman Institute of Technology Student Branch – Faculty Advisor

Robert Throne throne@rose-hulman.edu
Central Indiana Engineering Web Links

<table>
<thead>
<tr>
<th>Organization</th>
<th>Website</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACEC</td>
<td>acecinindiana.org</td>
<td>American Council of Engineering Companies, Indiana</td>
</tr>
<tr>
<td>ASCE</td>
<td>sections.asce.org/indiana</td>
<td>American Society of Civil Engineers</td>
</tr>
<tr>
<td>ASME</td>
<td><a href="http://sections.asme.org/central_indiana/">http://sections.asme.org/central_indiana/</a></td>
<td>American Society of Mechanical Engineers</td>
</tr>
<tr>
<td>ASM-INDY</td>
<td>asm-indy.org</td>
<td>American Society for Metals - Indianapolis</td>
</tr>
<tr>
<td>CIECN</td>
<td>indy-engineer.net</td>
<td>Central Indiana Engineering Consultants’ Network</td>
</tr>
<tr>
<td>CINLUG</td>
<td>cinlug.org</td>
<td>Central Indiana Linux Users Group</td>
</tr>
<tr>
<td>IBEN</td>
<td>indanabionetwork.org</td>
<td>Indiana Biomedical Entrepreneur Network</td>
</tr>
<tr>
<td>ICES</td>
<td>in-ces.org</td>
<td>Indiana Council of Engineering Societies</td>
</tr>
<tr>
<td>IHIF</td>
<td>ihif.org</td>
<td>Indiana Health Industry Forum</td>
</tr>
<tr>
<td>INCOSE</td>
<td><a href="http://www.incose.org">www.incose.org</a></td>
<td>International Council on Systems Engineering</td>
</tr>
<tr>
<td>INDSPE</td>
<td>indspe.org</td>
<td>Indiana Society of Professional Engineers</td>
</tr>
<tr>
<td>INDYASHRAE</td>
<td>indyashrae.org</td>
<td>American Society of Heating, Refrigeration, and Air Conditioning Engineers</td>
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<tr>
<td>NSBE-IAE</td>
<td>nsbe-iae.org</td>
<td>National Society of Black Engineers - Indianapolis Alumni Extension</td>
</tr>
<tr>
<td>PIMCIC</td>
<td>pmicic.org</td>
<td>Project Management Institute - Central Indiana Chapter</td>
</tr>
<tr>
<td>SAE</td>
<td>scientechclub.org</td>
<td>Society of Automotive Engineers, Indianapolis</td>
</tr>
<tr>
<td>SAE</td>
<td><a href="http://www.indianasae.org">http://www.indianasae.org</a></td>
<td>Society of Automotive Engineers, Indianapolis</td>
</tr>
<tr>
<td>SWE-CI</td>
<td>swe-ci.com</td>
<td>Society of Women Engineers - Central Indiana Section</td>
</tr>
<tr>
<td>Techpoint</td>
<td>techpoint.org</td>
<td>A diverse collection of technology-based Indiana industries.</td>
</tr>
</tbody>
</table>

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, IUPUI, Rose-Hulman Institute of Technology and ITT Technical Institute.