Madison Section Newsletter

Newsletters are archived online at IEEE-Madison Web Site.

• Upcoming Events

September Life Member Meeting: "WMTV-15 Tour"

- Thursday, September 6th, 4:30-6:00 PM
- Speaker: Tom Weeden, WMTV Chief Engineer
- Location:
  WMTV
  615 Forward Drive
  Madison, Wisconsin 53711
- Please Register at the IEEE-Madison event page.

Talk:
Tom Weeden will lead the tour and talk about the station, the equipment and the station operation. He will answer questions during the course of the tour. There should be ample parking at the WMTV station lot.

Note:
This is open to all IEEE members and guests on a space available basis.

○ Section News

- **PES/IAS:** A Joint Power and Energy Society/Industry Applications Society Chapter has been approved for the Madison IEEE Section. Thanks to all of the PES/IAS members who received and signed the petition to create the society.   The petition reached the required number of signatures in less than 24 hours after the notice was sent out. Together, there are approximately 170 IEEE-Madison members who are members of the P ES/IAS or both Societies. Now is the time to get involved in the "ground floor" of a local professional engineering society and help define what its activities will be. The Chapter will have an initial organizing meeting in September and will need to elect officers and plan events. Please let Tom Kaminski (tjkaminski (at) ieee.org) know if you or the organization you work for are interested in helping to kick-off the new Chapter. We will need:

  1. Chapter Officers (Chair, Vice Chair, Secretary/Treasurer, Activities Chair).
  2. A meeting location or locations conveniently located close to most members.
  3. Industrial Outreach: Companies and organizations willing to help sponsor events or host meetings.

- **Madison Section Officer Nominations Open:** Greetings! The fall is upon us, which means that elections are coming up. Not just the fall mid-term s, but for the officers of IEEE-Madison. Our officer positions include Chair, Vice Chair, Treasurer, Secretary, and Members At Large. Our officers run the local Section, manage its finances, schedule its meetings, and manage communications with membership. Being an officer of an IEEE section has, to me, been a very good experience. I have learned a lot, and have developed a great deal of respect for the organization. I believe that my fellow officers, both past and present will agree. One of my duties as Vice Chair is to organize elections and form/lead an officer nominating committee. Therefore, my ask this month is for a few volunteers for the Officer Nomination Committee. We will be tasked with finding folks to run for these positions. This will not be a heavy time commitment, but our duty is important. Please reach out to me if you would like to be on this committee, run for office, or volunteer your time in any other way. Or if you hav e any questions, please reach out to me. I can be reached by email at tothnj@gmail.com.

  Thank you very much!
  Nate Toth
  Vice Chair, IEEE Madison

- **Technical Support for Legislators:** Because legislation affects the future of our engineering discipline, Clark Johnson and Hugh Schmidt are investigating ways for IEEE members to be more involved in helping legislators understand technology. One approach is to facilitate student meetings with legislators. Electrical engineering students can develop essential career skills while helping to educate lawmakers about technical issues that will affect engineering. Hugh and Clark are looking forward to bringing power engineering, environmental studies and law students together with faculty, staff and industry to meet with legislators this year.   Collaborating with people outside their discipline will help student s frame technical issues in terms that appeal to broader audiences. They will get a feel for the mechanics of lawmaking also by consulting with utility staff and political interest groups and by writing opinion pieces. Interested in participating? Contact Hugh or Clark via email to tjkaminski (at) ieee.org.

○ Upcoming Meetings

- **September Joint UW-Madison Student Branch/IEEE-Madison Social Event:** The Madison IEEE Section Members and new or continuing Engineering Students who have joined the UW-Madison Student Branch will be welcome to attend a social event near campus with free drinks and food sponsored by the IEEE-Madison Section. A general announcement will be e-mailed to all IEEE members when the details are firmed up.
- **September 12th, IEEE-Madison Young Professionals Kickoff Meeting:** Hi Folks, Nate Tot h here! IEEE Madison has formed a Young Professionals Affinity Group! And it is time to kick this off! We will hold our kickoff meeting on Wednesday September 12th. I will send out details as soon as they are finalized (by the 31st of August at the very latest). You all are invited, but we would really like a strong turnout from our Young Professionals (those individuals less than 15 years from their first undergraduate college degree). Stay tuned for more info! Check the the IEEE-Madison event page for the latest details.

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- **October ECN Meeting:** On Thursday, October 4th the Entrepreneurs and Consultants Network will hear about and tour th e 100State facility at 316 W. Washington Ave. Suite 675. Claudia Seidenberg will talk about 100State, Wisconsin's largest co-working space. Because it is an active office space, the talk and tour will be held from 6:30 PM until 8:00 PM.
- **November IEEE-Madison Section Meeting:** On November 8th, Professor L. Jean Camp from the School of Informatics and Computing at Indiana University will be giving a talk on the security of Internet-of-Things (IoT). Professor Camp is a Fellow of the Institute of Electrical and Electronic Engineers and a Fellow of the American Association for the Advancement of Science. Her research focuses on the intersection of human and technical trust, leveraging economic models and human-centered design to create safe, secure systems. A venue for this talk has not yet been scheduled, but will likely be at the University of Wisconsin-Madison.

Regul ar Meetings

Section Meetings

The third Thursday of January through May, and September through December is reserved for a meeting to provide recent research, developments, trends and/or innovations in one of our membership's technical areas.

Life Member Affinity Group

The first Thursday of January, March, May, September and November is reserved for a meeting on a topic selected from a broad range including such areas as technology, science, history, culture and leisure.

IEEE-MSN-ECN Networking Meetings

- Purpose: Presentations, Discussions, networking
- Date: First Thursday of even-numbered months
- Time: 11:45 AM to 1:00 PM
- Location: Varies
- Process: Members are encouraged to make introductions, describe endeavors, and make request for: conta cts in target companies, needs, resources.

Membership Upgrades

Those interested in upgrading their IEEE membership level should send their resumes or other information showing five years of significant performance in an IEEE-designated field to Charles J Gervasi via email at cj(at)cgervasi.com. Madison Section Board will attempt to find Senior IEEE members knowledgeable in the applicant's area of practice who may be able to provide references. You are invited to attend the informal networking portion of the monthly Section meetings (starting at 11:30am) to meet the Section Board members and discuss intentions.

About IEEE

The Institute of Electrical and Electronics Engineers or IEEE (read Eye-Triple-E) is an international non-profit, professional organization dedicated to advancing technology innovation and excellence for the betterment of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities. It has the most members of any technical professional organization in the world, with more than 300,000 members in around 150 countries. The IEEE consists of 38 societies, organized around specialized technical fields, with more than 300 local organizations that hold regular meetings. Discover what IEEE Member Discounts can offer you. The Member Discounts portfolio consists of insurance products and programs for the home, office and travel, all at excellent group rates and reduced pricing. Visit IEEE Member Discounts to see what's available in your location and enjoy the savings. For more information, please visit:

IEEE.ORG.

Madison IEEE Section

The IEEE-Madison Section of the IEEE is a section in Region 4 of the IEEE-USA organized to serve IEEE members in th e Madison, WI area with over 600 members. The 2017 Officers and Board Members are Tom Kaminski - Chair, Nate Toth - Vice Chair, Charles Gervasi - Treasurer, Steve Schultheis - Secretary, Nate Toth - Webmaster, Tom Kaminski - ECN Chair, Dennis Bahr - Engineering in Medicine and Biology Chapter Chair, Chuck Cowie - Life Member Affinity Group Chair, San Rotter - Life Member Affinity Group Vice Chair, Scott Olsen - Membership Development Chair, Members at Large: Clark Johnson, Craig Heilman, Dennis Bahr, Sandy Rotter.
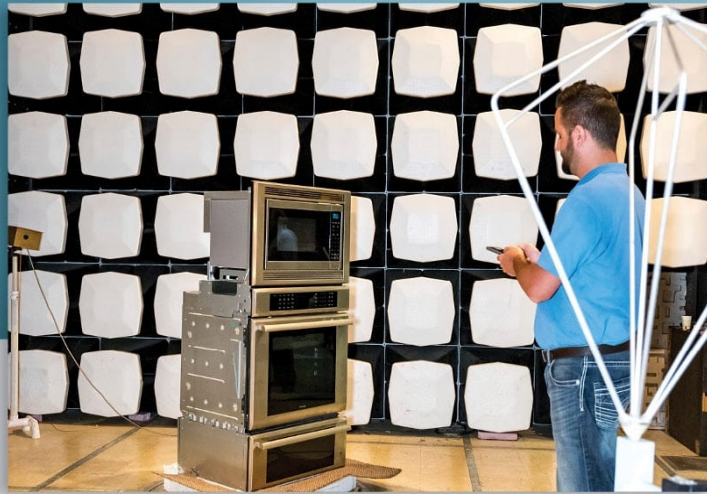
Job Openings

Check out WIEES.com for electrical engineering jobs in Madison and the surrounding region. This site is maintained as a service for electrical engineers. Jobs are displayed starting with the most recent pos tings first. You can filter results by location and job type. If you are hiring an electrical engineer in our area, for full-time or contract work, you can post the job in the *Contact Us* section on the WIEES.com site.

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The IEEE-Madison Section has a number of volunteer positions open if you are interested in helping out. Please direct any questions or comments to Tom Kaminski (Newsletter Editor) via email to tjkaminski(at)ieee.org.

Madison Sectio n : http://sites.ieee.org/msn/

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