



Madison Section Newsletter

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Serving IEEE Members of South Central Wisconsin

December 2019

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Upcoming Meetings

December YP/ECN: Hi-Tech Toys

IEEE-Madison Joint Young Professional/ Entrepreneur and Consultants Network

Date: Thursday, December 5th

Secto67, 56 Cory Street, Madison

[Event Info](#)

December Section Meeting: Volunteer Appreciation Social

IEEE-Madison Section

Date: Thursday, December 19th

Brasserie V, 1923 Monroe Street, Madison

[Event Info](#)

Upcoming Meetings Info

Past Meeting Reviews

News/Announcements

Section Elections! See below for more information

Sponsored Content: DLS EMC, Maydm M2E2 Event for Students

Upcoming Meetings

IEEE-Madison Joint Young Professional/ Entrepreneur and Consultants Network

"Hi-Tech Toys"



- Thursday, December 5th, 6:00 PM to 8:00 PM
- Networking/Social and FUN!
- Location:
Sector67
56 Cory Street, Madison WI 53704
- Please Register at the IEEE-Madison [event page](#).

Talk: The Holiday Season is just around the corner. What Hi-Tech consumer items have impressed you? Bring your favorite one and be prepared to discuss it's technical merits. Also, be prepared to give give a brief introduction to what you do ("Elevator Speech"). This is your opportunity to discuss your company, or your consulting expertise while having fun. .

December Section Meeting

"Volunteer Appreciation Social"



- Thursday, December 19th, 6:00 PM to 8:00 PM
- Location:
Brasserie V
1923 Monroe Street, Madison WI 53711
- Please Register at the IEEE-Madison [event page](#).

Volunteer Appreciation Event:

IEEE-Madison Volunteers will be honored. Free appetizers and cash bar will be available for IEEE members and guests. Volunteers and their guests will have free drink tickets.

For 2019, the volunteers to be honored are Nate Toth - Chair and Webmaster, Hugh Schmidt - Vice Chair, Mike Stemper - Secretary, Tom Kaminski - ECN Chair, Newsletter Editor and Treasurer, Dennis Bahr - Engineering in Medicine and Biology Chapter Chair, San Rotter - Life Member Affinity Group Chair, Charles Cowie - Life Member Affinity Group Vice Chair, Scott Olsen - Membership Development Chair, Members at Large: Clark Johnson, Craig Heilman, Dennis Bahr, Sandy Rotter. Also Dan Ludois -- PES/IAS Chair, Eric Severson - PES/IAS Vice Chair, Mike Stemper - PES/IAS Secretary/Treasurer.

Social Event

Meet your IEEE colleagues and their guests socially.

Review of Past Meetings

- **November PES/IAS Meeting:** On 2019-11-21, Bob Lasseter gave an excellent talk on Grid Forming Inverters to a packed room of mostly utility engineers. He first defined what is meant by "Following" verses "Forming" inverters. "Following", or current-source inverters, require voltage to be present and constitute the majority of inverters on the grid today mostly from Solar PV and Wind sources. "Forming" inverters are more like stiff voltage sources and behave better than "Following" inveters under a range of fault and load changing conditions. Professor Lasseter's slides are available at this [link](#).

Upcoming Meetings

- **Joint YP/ECN Meeting:** This evening meting at Sector67 will be an opportunity to meet socially and hear your professional colleague's ideas about their favorite hi-tech toys.
- **Volunteer Appreciation Event:** Join us on December 19th at 5:30 PM to 8:00 PM for a social event honoring all of the IEEE-Madison Section Volunteers for 2019. The event will include free appetizers and a cash bar (two drinks free for volunteers) at [Brasserie V](#) on Monroe Street.

News/Announcements

- **Section Elections:** Are you interested in becoming an office in the IEEE Madison Section, or one of its Chapters or Affilates? If so, please let Hugh Schmidt know (hfschmidt@wisc.edu).
- **Volunteers:** We need volunteers for: YP, ECN, LMAG, PES/IAS, Section and EMB.

IEEE Madison Leadership

- Section Chair - Nate Toth
- Section Vice Chair - Hugh Schmidt
- Section Treasurer - Tom Kaminski
- Section Secretary - Mike Stemper
- Webmaster - Nate Toth
- PES/IAS Chair - Dan Ludois
- PES/IAS Vice Chair - Eric Severson
- PES/IAS Secretary/Treasurer- Mike Stemper
- EMB Chapter Chair - Dennis Bahr
- Life Member Affinity Group Chair - San Rotter
- Life Member Affinity Group Vice Chair - Charles Cowie
- ECN Chair - Tom Kaminski
- Young Professionals Chair - Na te Toth
- Members at Large: Clark Johnson, Craig Heilman, Dennis Bahr, San Rotter.

Membership Upgrades

Those interested in upgrading their IEEE membership level should be aware that the process has been streamlined with much of it on-line. The application process can start with your application as described on line [here](#). You will have to provide the names and IEEE numbers for three Senior Members in your field. The Madison Section Chair (Nate Toth at tothnj@ieee.org) can help, or attend the informal networking portion of the monthly Section meetings to meet the Section Board members and discuss your intention to elevate.

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 informati on, please visit: IEEE.ORG.

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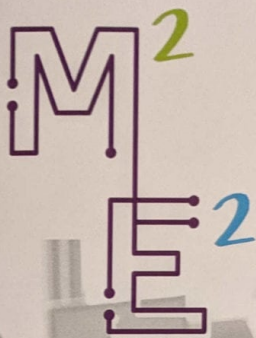
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Maydm's Maker's Epic Experience

December 7th, 2019



Middle School | 8am-12pm
High School | 12-5pm

Epic Systems - Deep Space Building

1979 Milky Way, Verona, WI

Bus transport is available from East, West, and South Madison locations

Cost: \$25 | Scholarships Available

Breakfast or Lunch Included!

Register online at maydm.org/m2e2



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