

Status Reports

Thursday, June 09, 2023

ExCom contact information

How can I contact Admin members of the Section?

Use any of the following:

Chair:

chair@ieee-sem.org

Vice Chair:

vicechair@ieee-sem.org

Treasurer:

treasurer@ieee-sem.org

Secretary:

secretary@ieee-sem.org

Conference Chair:

conference@ieee-sem.org

Our Monthly newsletter:

wavelengths@ieee-sem.org

Letter to the Editors:

letter@ieee-sem.org

How to use this template.....

- Held ExCom Committee Teleconference on *<Date>*
 - *XXX attendees*
- Technical event held on *<date>* at *<location>*
 - *YYY IEEE members, ZZZ non-members*
 - Additional Summary
 - (Add pictures if possible!)
- Next Admin meeting
 - *<date>*
- Next Technical Event(s)
 - Summary
 - **ADD Links to vTools registration**
 -

Chapter 1: (SP01) Signal Processing, (CAS04) Circuits and Systems, and (IT12) Information Theory Society

Chair: Jeff Dulzo

Past events

1. EXCOM SEM Chapter 1 Planning Meeting held - 10May2023.

Planning a Technical Event for September.

Chapter 2 (VT06) Vehicular Technology Society Chair: Mohamad Berri, Vice Chair: Sharan Kalwani



Past events

1. Joint event held on Feb 3rd, L31 filed.
2. Joint event held with Chicago VTS chapter: CAVCS of Canada

Upcoming events

1. June 21 - VTS distinguished Speaker event @UM Dearborn....

<https://events.vtools.ieee.org/m/362934>

Other

1. Another event planned in August - European Speaker on Automotive Tech, Date: TBD
2. Proposed: Status of ICE, date: TBD
3. Stuff on Electrification -

Chapter 03 (AES10) Aerospace Electronics and (COM19) Communications Society
Chair: Patrick Seeling

Past events

1. Talk by S. Kalwani on “The Future of Fast Data Center Networks”

Other

1. Still in need for volunteers for main chapter functions

Chapter 04 Trident - (AP03) AP03 Antennas & Propagation, (ED15) Electron Devices, (MTT17) Microwave Theory and Techniques, Photonics Society Chair: Robert Hipple

We have created two new student groups here at MSU. One for AP03 and one for MTT17. Each will have 12 IEEE student members and two IEEE members (including myself).

Need guidance in making these groups recognized by IEEE.

Chapter 05 (C16) Computer Soc Chair: Subramanian Ganesan

Future 2023 Events

- We are planning Chapter 5 admin meeting on April 8 by zoom to discuss future technical events and
- *Summer picnic (July 2nd). <https://events.vtools.ieee.org/m/356581>*
- *Embedded Systems workshop 2023 (21st time!) October 14, 21 and 23*

May 2023 Events

- .
- We plan to hold multiple events joints with Education Society chapter

Chapter 06 (GRS29) Geosciences and Remote Sensing Society

Chair: Leland Pierce

Past events

1. ALUMNI OF THE YEAR: DR. SHANNON BROWN, Nov 17, 2022. approx 115 attendees, 37 ieee members.
2. DISSERTATION DEFENSE: A NOVEL MULTISTATIC SAR FOR SUBSURFACE IMAGING: DETECTION AND LOCALIZATION OF BURIED PIPELINES AND LEAKS, speaker: Abdulrahman Aljurbua of The University of Michigan, Oct 24, 2022. approx 59 attendees, 27 ieee members.

Upcoming events

1. TBD

Other

Chair (Leland Pierce) has attended the GRSS AdCom meetings in March, July, and November of this year.

Chapter 07 (PE31) Power Engineering, (IA34) Industrial Applications Society
Chair: Looja Tuladhar



Past events

1. Admin meeting every 1st Monday

Upcoming events

1. Looking for IAS, ECCE, IAS Detroit conferences

Other

1. <https://events.vtools.ieee.org/m/342326>

Chapter 07 (PE31) Power Engineering, (IA34) Industrial Applications Society
Chair: Looja Tuladhar



Past events

1. Admin meeting every 1st Monday

Upcoming events

1. Looking for IAS, ECCE, IAS Detroit conferences

Other

1. <https://events.vtools.ieee.org/m/342326>

Chapter 08 EMC (EMC27) Electromagnetic Compatibility Society
Vice-Chair: Akio Fujimaki Chair: Scott Lytle

Past and upcoming events

May 25:

EMC Fest by Dr. Todd Hubing and Dr. Eric Bogatin

- Venue: Embassy Suite Livonia
- 156 people are registered to attend (paid)
- 5 Projectors and screens, 4 Wireless microphones, 4 External speakers
 - All equipment are provided from our Chapter
- 47 Vender tables are sold

June 28:

Monthly meeting

<https://www.emcsociety.org/wp/>

<https://www.youtube.com/channel/UCp4oYcxWpv-IYokH-Dk-9Dg>



Chapter 09 (IE13) Industrial Electronics, (PEL35) Power Electronics Society
Past Chair: Van Wagner



Past events

Partnered with Bay Area Section in their hosting of “Wide Bandgap Power Electronics Systems for Heavy Duty Vehicles,” April 20. They said they would file the L31.

Other

Sharan put out an email to some his contacts to see if they would be interested in serving as a Chapter officer. Got a nibble but no bite.

Chapter 10 (TEM14) Technology and Engineering Management Society Chair: Ray Sasinowski

Current events

- 6/28/23: Topic & book discussion on “Next! The power of Reinvention in Life and WORK”
- 7/26/23: TEMS chapter EXCOM mid-year status report

Future Topics:

- September : Consultant 101. Speaker Al Gunther
- October: Topic and Book discussion on “Critical Conversations”

Past Meeting:

5/17/23: Topic and book discussion on “How to Change” by Katy Milkman. Seven participant.

Chapter 11 (EMB18) Engineering in Medicine and Biology Society
Vice Chair: Maurice Snyder, Chair: Patrick Rye

Past events

1. Co-hosted Meeting in January

Upcoming events

Other

1. Admin Meetings First Tuesday of every month

Chapter 12 (CS23) Control Systems Society

Chair: *Ben Gonzalez*

Upcoming events

1. Completed second Technical Event April 26, 2023.
2. Having met the annual requirement, we are planning another event in the coming 2 months to present a Robofest Overview.
3. Also looking at alternative presentations videos, etc... for technical presentations later this year, if possible.

Chapter 13 (E25) Education Society

Chair: Sharan Kalwani, Vice Chair: Manohar Das (Oakland University), Secretary:
Amar Basu (Wayne State University)

Past events (2023)

Held several events already, L31 quota ***more than complete!***

- ***Running total: 22 (was 20)***

1. Two recent events already completed!

- May 5th - The Codebreaker - The until story of Elezebeth Friedman
- May 19th - Electric Airplane Race

2. Future Plans

- Inviting several distinguished speakers to visit us in the Fall 2023 time frame
 - end August/early September

3. Open to suggestions, possible joint events, etc.

Chapter 14 (RA24) Robotics and Automation Society

Chair: CJ Chung

Past events:

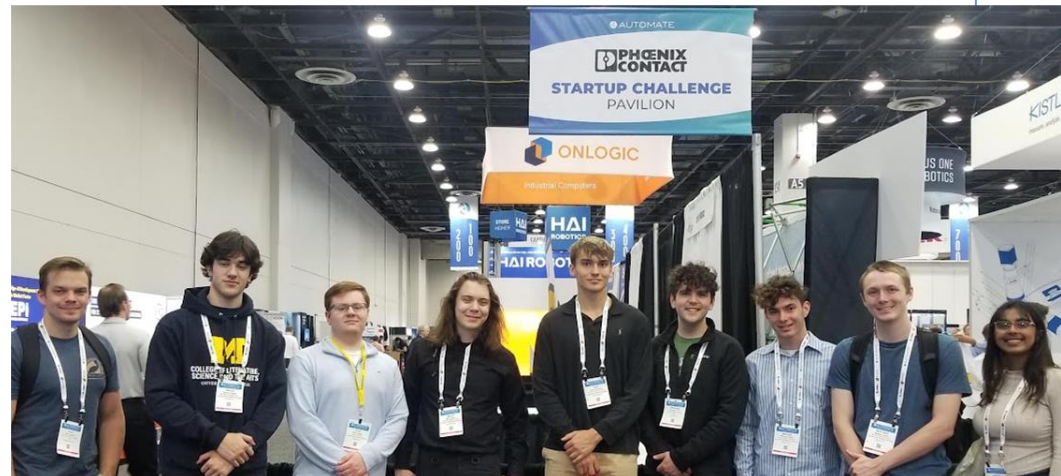
Robofest World Championships, May 11-13



Automate Conference/Expo - Judging of best start-up challenge,
May 25

Upcoming events

Fall technical meeting
planning meeting



Chapter 15 (NPS05 or CH04144) Nuclear Plasma Sciences Society Chair: Robert Hipple

From last month -

MSU has an active student NPSS section in the Engineering department with officers and a faculty advisor. Will reach out to them for help getting IEEE more active with student members in general.

Update: this group is glad to hear that IEEE is once again becoming active at MSU, and wish to participate in the Fall Conference.

Chapter 16 (CIS11) Computational Intelligence, (SMC28) Systems, Man and Cybernetics Society
Chair: Jeffery Mosley

Past events

1. Held an administrative meeting to discuss technical meeting plans
2. Watching IEEE response to L31 report that submitted for event number 349694

Upcoming events

1. Plan to develop more content for general Chapter and Society interest
2. Plan to seek out other co-hosting opportunities.
3. Working with Ch 1 Circuits and Systems, Signal Processing for joint chapter content

Other: Planning an open discussion on human computer interaction

Chapter 17 (NANO42) Nanotechnology Council

Chair: Sharan Kalwani

Vice-Chair: Gordon Burkhead

Past events

1. One event already held in January, completed half the L31 quota!

Upcoming events

1. *1 more Event - Being planned for September.....*

Other

Consultants Network Affinity Group: (CN40035)

Chair: Sharan Kalwani

Completed events (2023)

1. 4 events conducted YTD.

Other

1. Open to more ideas: already collaborating with TEMS for future joint events

Life Member Affinity Group: (LIFE)

Chair: Harpreet Singh

Past events

Wayne State ECE Dept. Seminar Series - Winter Semester

- Dr. Tutuncuoglu, Gozde , Jan 25, 2023 , from 1:00 PM to 2:00 pm (The Engineering Devices for Novel Computing Paradigms)
<https://events.vtools.ieee.org/m/363545>
- Dr. Xingyu Zhou Feb 15, 2023 from 1:00 pm to 2:00 pm (Shuffle Private Linear Contextual Bandits)
<https://events.vtools.ieee.org/m/363546>
- Dr Morteza Nazari-Heris March 22, 2023 from 1:00pm to 2:00pm (Integrating EV Charging Infrastructure into Connected communities)
<https://events.vtools.ieee.org/m/363688>
- Dr Alycen Wiacek , April 12, 2023 from 12:30 PM to 2:00 pm (Data-driven Ultrasound and Photoacoustic Imaging)
<https://events.vtools.ieee.org/m/351689>
- Dr Dimitrios Sounas April 19, 2023 from 12:30 pm to 2:00 pm (Analog Computing with Waves)
<https://events.vtools.ieee.org/m/351691>
- Dr. Kunal Ghosh April 26, 2023 from 12:30 pm to 2:00 pm (Next gen VLSI Ed-tech: Open-Source tool, RISC-V design)
<https://events.vtools.ieee.org/m/363548>

Upcoming events

- Kunal Ghosh, 10-15 lectures on VLSI and chip design, budget \$1000

Women in Engineering Affinity Group: (WIE)

Chair: Gozde Tutuncuoglu

Vice-chair: Ashfiqua Connie

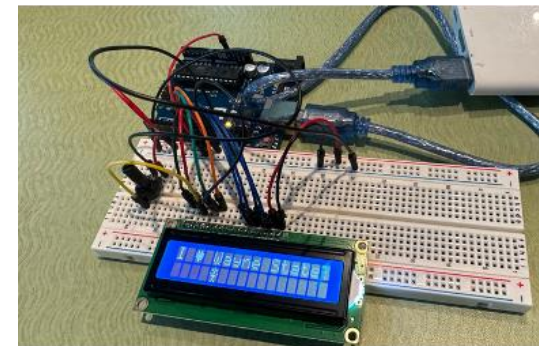
Past events

1. Wayne State STEM days
2. April, May admin meetings
3. Region 4 WIE Summit Meetings:

Upcoming events

1. June admin meeting
2. WIE Leadership Summit: Save the date **November, 3rd**

Other



Young Professionals Affinity Group: (YP)
Chair: Ms Amar Dabaja

Past events

Upcoming events

1. Administrative meeting coming up this month to plan events for second half of the year.

Other

- Open leadership positions nearly filled.

Technical Activities
Chair: *Jeffery Mosley*

Past events

1. Monthly meetings 3rd Monday at 12 Noon EST
2. Plan to use Google Meet for upcoming meetings

Upcoming events

1. Plan to focus on GAs with only two meetings;
2. Need to work to fill GA roles to get meetings scheduled
3. Plan to recommend career guidance discussions for the Section
4. Plan for to invite the Nomination Committee members to our March meeting (TBD)
5. Plan to develop a Section leadership (GA's and standing committee) survey to elicit concerns and successes

Technical Activities
Chair: *Jeffery Mosley*

Proposed Survey

1. Are you attending the monthly SEM EXcom meetings; if so what's working? If not, why not
2. Regarding engaging your chapter or affinity group. What is working well. If you are not engaging with or receiving interest from your group, what help do you need?

Need EXCOM concurrence

Technical Activities
Chair: *Jeffery Mosley*

2023 IEEE SE Michigan Section Geo-unit Status (Till May 30th)									
Ch's & AG's	Ave Tech Mtg. Attend	Ave Tech Mtg Guest	#L31 - Technical	#L31 -Admin	#L31 Professional	#L31 -Other	Geo-Unit Name	# Unreported	Total Mtgs
Cnslt	0	0	0	0	4	0	Consultants Network	1	4
LIFE	0	0	0	0	3	0	Life Members	1	3
WIE	25	15	1	4	2	0	Women In Engineering	0	7
YP	0	0	0	0	0	0	Young Professionals	0	0
1	0	0	0	1	0	0	Circuits & Systems, Signal Proc., Info Th.	0	1
2	21	8	3	0	0	0	Vehicular Technology	0	3
3	12	0	1	0	0	0	Aerospace & Elec. Sys., Communications	0	1
4	40	27	3	0	0	0	Trident (Ant, Elect Dev., uWave, Photo)	0	3
5	30	8	14	2	0	0	Computers	0	16
6	161	56	1	0	0	0	Geoscience & Remote Sensing	0	1
7	183	74	3	2	0	0	Power Engineering, Industrial App.	0	5
8	39	19	5	5	4	0	Electromagnetic Compatibility (EMC)	3	14
9	0	0	0	0	0	0	Power Electronics, Industrial Electronics	0	0
10	5	0	1	1	0	0	Engineering Management	0	2
11	0	0	0	0	0	0	Eng. in Medicine & Biology	0	0
12	17	1	2	1	0	0	Control Systems	0	3
13	19	0	18	4	0	0	Education	0	22
14	34	30	2	0	1	1	Robotics & Automation	0	4
15	40	27	3	0	0	0	Nuclear Plasma Science Society	0	3
16	0	0	0	1	0	0	Computational Intelligence / Sys.Man.Cyber.	0	1
17	27	0	1	0	0	0	Nano Technology Council	0	1
SEM	28	0	3	26	1	0	SEM (Section)	1	30
	681	266	61	47	15	1	NOTE: Highlight Green = Active	6	124
		39%					NOTE: Highlight clear = Concern		

Education Committee:
Anthony Will

Past Activities

1. .

Upcoming Actions

Information Management Coordinator:
Kimball Williams

Past Activities

1. Sharan and I have engaged the vTools staff to work on a system to simplify documenting our Standing Committees.
2. We have begun to use vTools Officer Report db as the 'gold standard' and align the Officer Roster spreadsheet to agree.

Upcoming Actions

1. Locating an 'Assistant' Information Management Coordinator. See the next Wavelengths newsletter for more details.
 - **Discuss a possible 'Fitness Report' for all Section officers.**

Elected (Chapters & Affinity Groups)

Appointed (Section level Committee Chairs & Student Branch Advisors)

Information Management Coordinator:
Kimball Williams

Upcoming Actions (To Be Discussed)

- Review all Standing Committees 'Charters' to ensure alignment with Section Goals & Objectives. (Confirm / Approved by ExCom.)
 - ALL Standing Committees:
 - Identify interlocking functions with other committees
 - Identify responsible functions with SEM Geo-units
 - Hold Committee meetings 1/Month - Setup in vTools
 - Report status to ExCom each month.
 - Identify one member responsible to attend ALL ExCom Mtgs.
 - Section
 - Setup 'All Standing Committees' leadership coordination Quarterly Mtgs.
 - Discuss an 'Officer Fitness Report'. Apply to ExCom first.

Student Activities
Chair: Mike Anthony
Member: Robert Hipple

Upcoming events

IEEE Fall Conference at MSU

1. Third Visit to
Other



[Plant Scheduled March 31.](#)

Student Branch Mentors
Chair: Don Price

Past events

- 1.

Upcoming events

- 1.

Other

Member Development
Chair: Mohamad Berri

Past events (2022)

1. 1st Senior Elevation occurred on April 9th
2. 2nd which was planned for October - took place on 1st (Sat)

New 2023 events

1. Senior elevation took place on April 8th
(<https://events.vtools.ieee.org/m/343961>)
2. One More in 2nd half of 2023! (end of August perhaps?)

Other

Was: 'Nominations & Appointments' - Now: 'Awards & Recognition' Committee
Chair: *Jerry Song*

Past Activities

Converted committee to "**Awards and Recognition Committee**"

- Renamed committee in vTools Section Officers section.
- Promoted Jerry Song to Committee Chair
- Reassigned self to Elections

Future Activities

- Meet with TacCom to help multiplex our efforts with theirs.
- Work with Education Committee to develop a viable officer training program.

Awards & Recognition Committee - Continued:

- 1. Need to advertise among the membership for new standing committee officers:**
 - a. Web Communications (WebCom):
 - b. Newsletter

- 1. Begin to work to have all Standing Committees meet to discuss overall Section goals and objectives and their place in an overall plan.**
 - a. **NOTE:** It may be necessary to replace committee Chair's who discover that they are never available for a meeting at any time or any place.

PACE (Professional Activities Committee for Engineers)

Chair: Sharan Kalwani

Past events

1. Three PACE specific seminars to be scheduled in late summer 2023 (July/August), venue will be Oakland University
 - “Root Cause Analysis” and
 - “Introduction to Agile Methods”! Both very popular
 - “Critical Thinking”

News - Print & Electronic Communications

Team:Sharan Kalwani, Nilesh Dudhaia, Akio Fujimaki, Kimball and others...

Upcoming events

1. Share events with us or tell us about recent events conducted, so others can enjoy your success.
2. JUNE 2023 edition is now out! Working on July 2023 now....

Other:

1. Alert wavelengths@ieee-sem.org if **anyone** is not receiving their digital issue!
2. New:

You can add folks interested in receiving our monthly edition using the google docs link:

<https://forms.gle/z2WkTxKRChoWy2uv9> (called **Add me** in the eNotice sent out)

Sections Conference Committee

Team: Keyur Patel (Chair), Sharan K (Vice Chair), Robert Hipple (Co-Vice Chair), Ramesh (Finance), Jerry (Award), Mohammed Berri, Ryan Carthage

Past Events:

1. Fall Planning meeting started every Friday 12:00 PM to 1:00 PM - virtually (6/8/2023)
2. Fall Conference will include: Technical track, student poster competition, demo, technical presentation, dinner and networking (6/8/2023)
3. Requesting individual Chapter chair - Submit your proposal for track (6/8/2023)

Upcoming events:

MSU Kellogg Center available for **October 18, 2023 Wed. (Please let us know any conflict)**

Tentative title to include all three student groups:

“From Microwaves to Nanotech - Engineering the very small”

1. Fall 2023 Section Conference Planning meetings

held weekly from 12-1pm every Friday

registration link : <https://events.vtools.ieee.org/m/360935>

Section Student Representative

Chair: *Open*

Past events

Upcoming events

Michigan State University: (STB01111)

Chair: **Kosta Sergakis**, <sergaki1@msu.edu>

Vice Chair: Vacant

Faculty counselor: Wen Li, <wenli@egr.msu.edu>, Robert Hipple <hipple@msu.edu>

AVS is very interested in having IEEE participate in their upcoming 2023 AVS Michigan Chapter Spring Symposium. This all-day event is scheduled for June 7, 2023 from 8 a.m. – 7 p.m. at the North Campus Research Complex in Ann Arbor, MI.

Lawrence Technological University: (STB03921)

Chair: **Lauren Hartline (new)**; Faculty Counselor: Nabih Jaber

From response of Dr. Nabih Jaber to Robert's email,

"I am copying our student branch Chair, Lauren Hartline, on this email. We also have a team of student officers here at LTU in the ECE department. Lauren, will keep you posted on your enquiry. She will also talk to the other team members."

Oakland University: (STB06741)

Chair: **Ali Irshayyid (new)**

Faculty Counselor: Amanpreet Kaur (kaur4@oakland.edu)

Wayne State University: (STB02251)

President & Vice-president: Sara Kape, Faculty Advisor: Gozde Tutuncuoglu

Past events

1. Annual report submitted
2. IEEE region conference is announced to the students or will be announced?

Upcoming events

1. Technical Seminars in collaboration with ECE Dept.
2. Fundraising events?

Other

University of Michigan-Ann Arbor: (STB01121)

Chair: Mitchell Bloch (mjbloch@umich.edu)

Faculty Counselor: Laura Balzano

University of Michigan-Dearborn: (STB94911)

Chair: Andrew Johnson <johnsoaa@umich.edu>

Faculty Counselor: Alireza Mohammadi <amohmmad@umich.edu>

Eastern Michigan University: (STB11091)

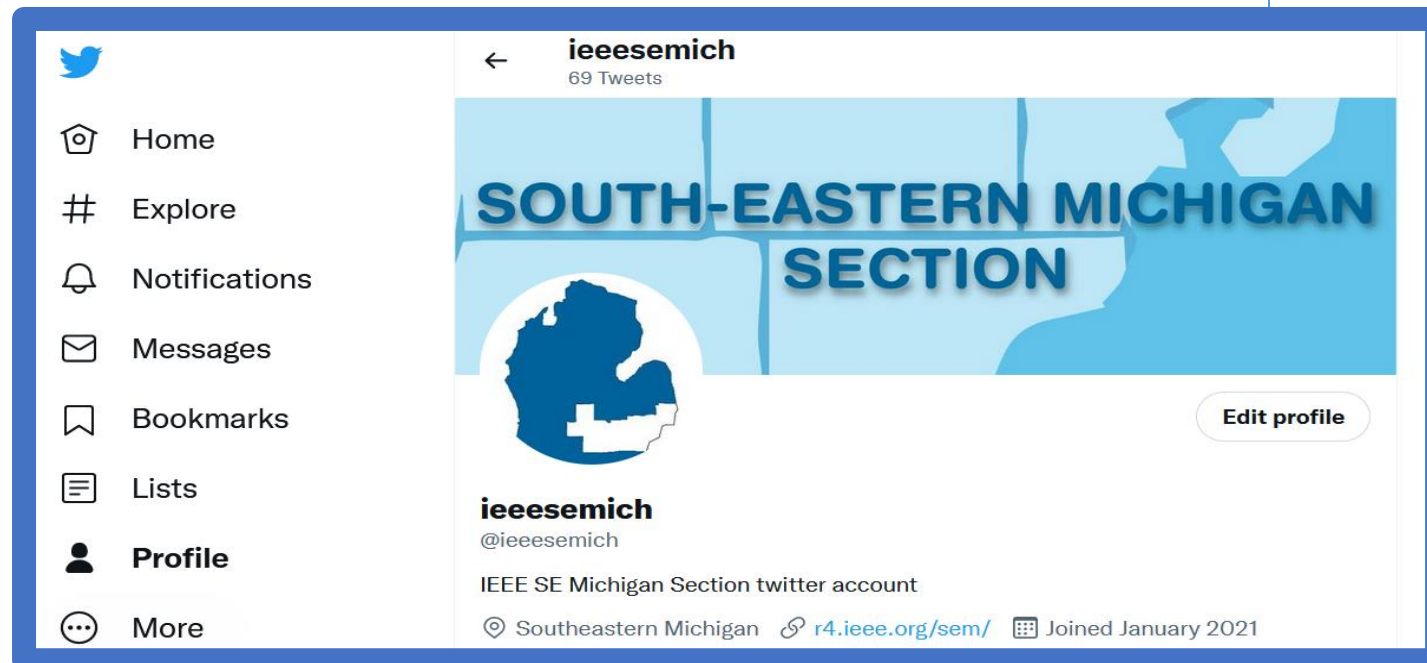
Chair: Caleb Johnson (new), J.T. Puszczewicz <jpuszcze@emich.edu> (vice chair)

Faculty Counselor: Ali Eydgahi <aeydgahi@emich.edu>

Section Level Overview:

Recent updates:

- ❖ Listserv has been updated
- ❖ Officers database on vtools has also been updated



Section Level Overview:

Other notable updates:

- ★ We have reached out to 8 student branches, .e.g.
 - Oakland University, Rochester, They have 1 new chair (grad student)
 - Lawrence Technological University, Southfield is now active
 - Michigan State University, East Lansing is also now active
 - Eastern Michigan University - **has a new student chair & vice chair**
 - Wayne State University, Detroit is now active
 - University of Michigan, Ann Arbor although active - dont hear much
 - University of Michigan, Dearborn - ***now active....Andrew Johnson new chair***
 - University of Detroit-Mercy, Detroit (**inactive**)

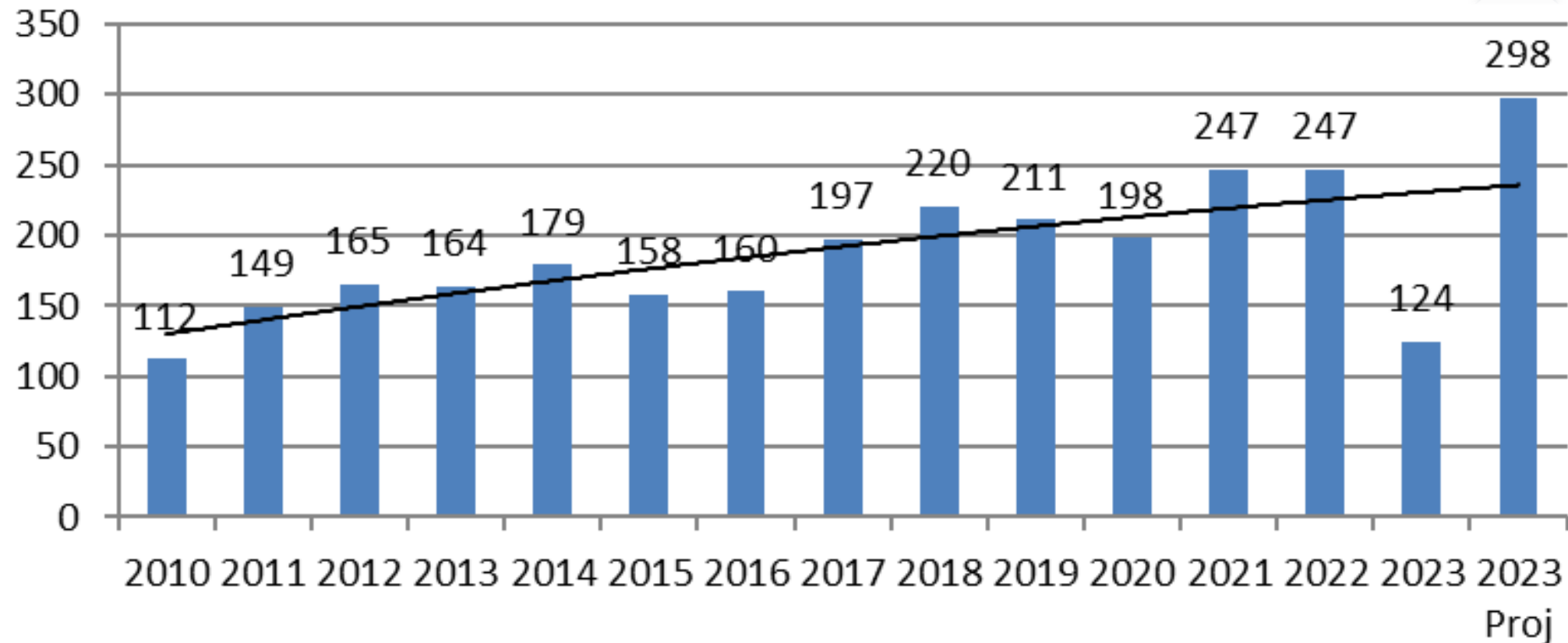
Section Level Overview:

Events of note:

1. Planning soon to start for Fall 2023 conference AND Spring 2024 Conference
2. **Picnic - July 2nd - Organized by Chapter 5 - supported by Section**
 - a. **Rochester Park see vtools link at: <https://events.vtools.ieee.org/m/356581>**
3. **October 7th - SAVE the date - 60th anniversary of our Section**
 - a. Planning a major event, evening dinner/ tour of Museum/Science Center+awards and talks by IEEE leadership

(30th May 2023)

vTools Activity Reports



Year ?

2023

Organizational Unit ?

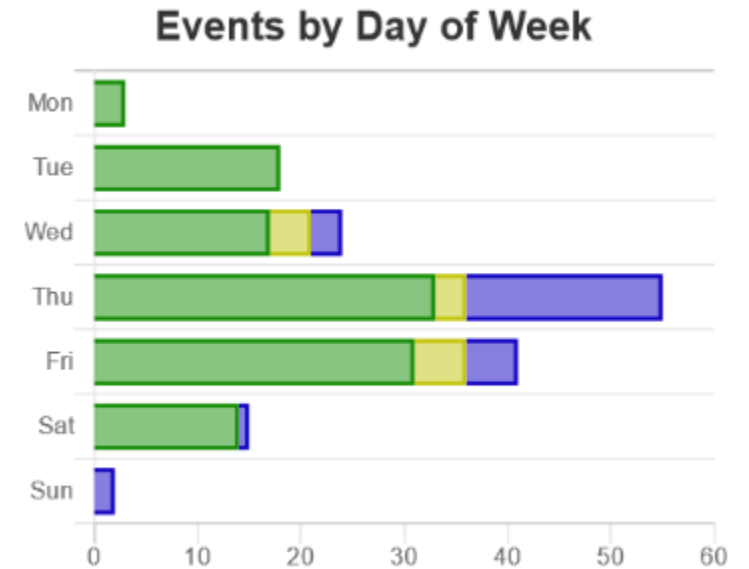
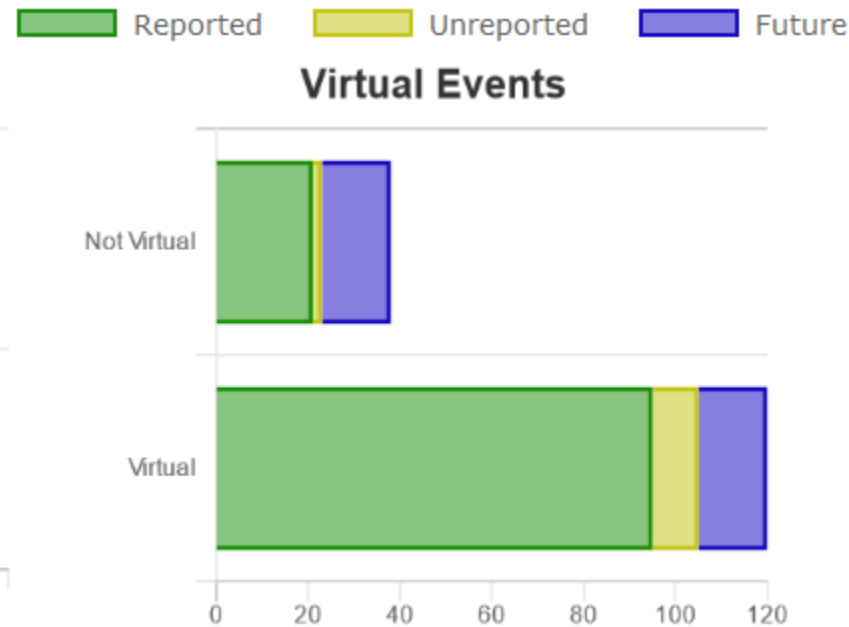
R40035 - Southeastern Michigan Section

Go

R40035 - Southeastern Michigan Section Charts ?

These data counts and charts include the selected OU and all related organizational units. See below for individual OU numbers and charts.

Name	Prof	Tech	Non-Tech	Admin	Hum	Pre-U	Total
Southeastern Michigan Section	23	70	4	61	0	0	158



Year ?

2023

Organizational Unit ?

R40035 - Southeastern Michigan Section

Go

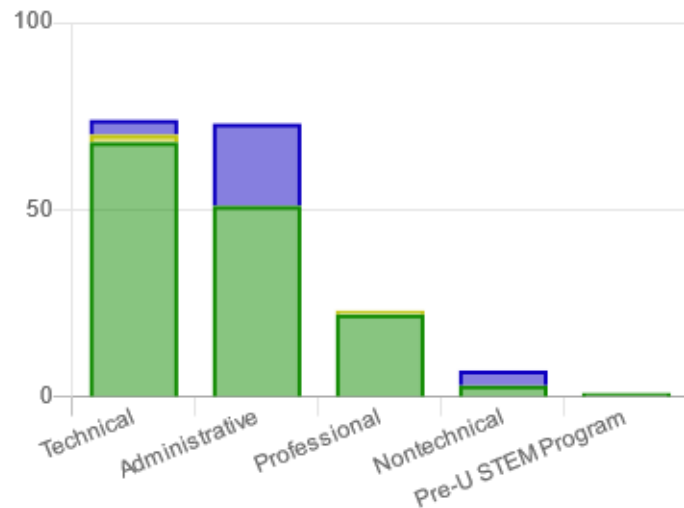
R40035 - Southeastern Michigan Section Counts ?

These data counts and charts include the selected OU and all related organizational units. See below for individual OU numbers and charts.

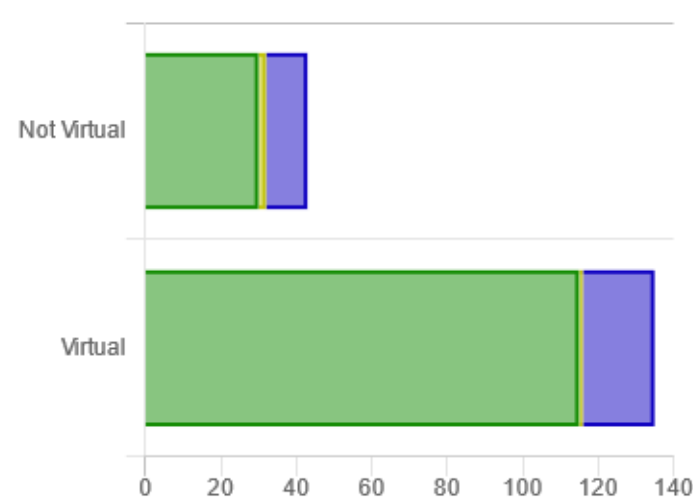
Name	Prof	Tech	Non-Tech	Admin	Hum	Pre-U	Total
Southeastern Michigan Section	23	74	7	73	0	1	178

Reported Unreported Future

Events by Category



Virtual Events



Events by Day of Week

