Princeton / Central Jersey Section
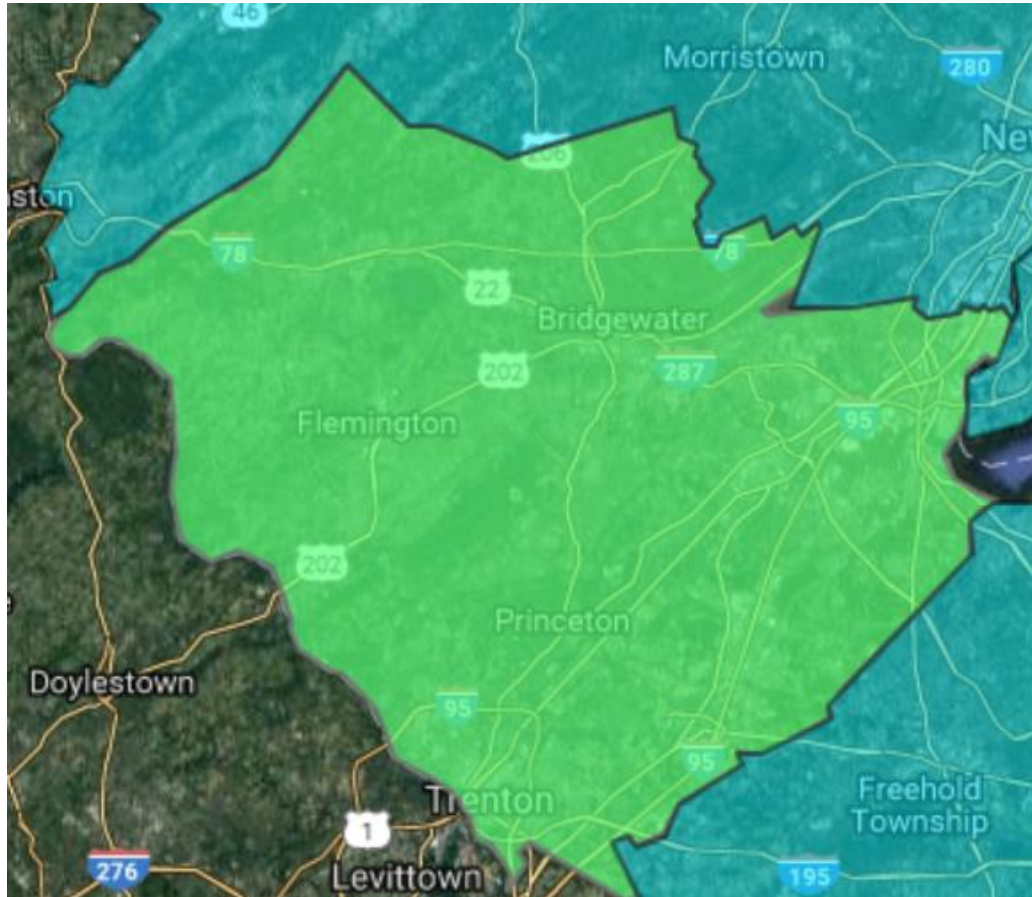
1,874 Members
17 Chapters/Affinity Groups
3 Student Chapters

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PCJS Membership

IEEE OU Analytics

Members and Affiliates - Dashboard

This dashboard provides interactive views for members, society affiliates, and participants by region, geographic council, section and subsection.
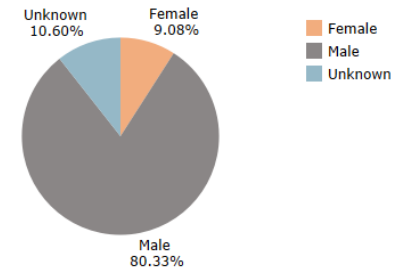• Refine data through filters or click within a visualization to view results and details.
• Hover over a visualization to display a tooltip with statistical facts.

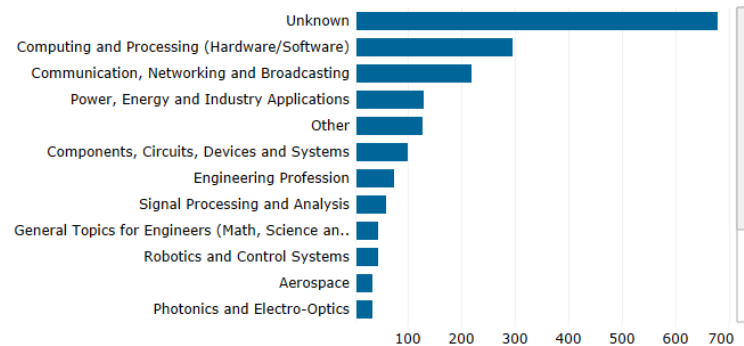**Region**
All

Grade
All

IEEE Status
Active

Count by Region and Grade

Region	Council	Section	Grade Category	Grade	Total
R1	Metro Sec. Act. Council	Connecticut Section	IEEE Grades	Student Member	1
			Total		1
		Long Island Section	IEEE Grades	Student Member	1
			Total		1
		New Jersey Coast Sect..	IEEE Grades	Student Member	10
			Total		10
		New York Section	IEEE Grades	Graduate Student Member	2
				Student Member	1
			Total		3
		North Jersey Section	IEEE Grades	Graduate Student Member	4
				Senior Member	1
				Student Member	17
			Total		22
		Princeton/Central	IEEE Grades	Associate Member	64

Count by Gender

Unknown 10.60%
Female 9.08%
Male 80.33%

Legend:
- Female
- Male
- Unknown

Count by Technology Focus Area

- Unknown
- Computing and Processing (Hardware/Software)
- Communication, Networking and Broadcasting
- Power, Energy and Industry Applications
- Other
- Components, Circuits, Devices and Systems
- Engineering Profession
- Signal Processing and Analysis
- General Topics for Engineers (Math, Science an..
- Robotics and Control Systems
- Aerospace
- Photonics and Electro-Optics

(100, 200, 300, 400, 500, 600, 700)

Count by Grade and Gender

- Member
- Life Member
- Senior Member
- Student Member
- Graduate Student Member
- Associate Member
- Life Senior
- Fellow
- Affiliate
- Life Fellow
- SA Member
- Honorary Member

(100, 200, 300, 400, 500, 600, 700, 800, 900)

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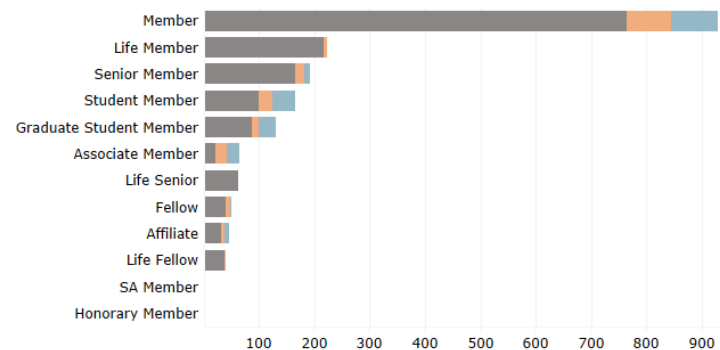
IEEE PCJS Achievements Past Year

› **Sarnoff Symposium Conference**– 12 keynote speakers from Communications Industry and University – Broke even financially - Thank you Deepak Kataria - September 2018.

› **Joint Awards & Holiday Dinner with the New Jersey Coast Section** – We were able to cut costs and allow our R1 leaders to attend one meeting for two sections. Nice working with Irfan Lateef and Ajit Reddy - December 2018

Photos from the past year

Executive Committee Meeting
September 2018

IEEE SARNOFF 2018, September 2018

IEEE SARNOFF 2018, September 2018

IEEE SARNOFF 2018, September 2018

IEEE PCJS members present at the
Holiday Dinner, December 2018

IEEE PCJS Leadership

› **Change of Leadership to occur in January 2020.** Presently:

› Fran O'Connell – Chair

› Nagi Naganathan – Vice Chair

› Deepak Kataria – Treasurer

› Roger Ding – Secretary

2-year terms started Jan 1, 2018.

IEEE PCJS Shout Outs

› **Strong Chapters –** The Computer Society (C16) continues to have over 8 meetings per year. They coordinate with the Princeton ACM. Thank you Rebecca Mercuri and Ed Levinson for leading this Chapter.

› **Newest Affinity -** Joe Jesson became the chair of the Life Members group in 2017. He has brought in Apollo engineers and astronauts to talk about engineering. His meetings are packed!

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IEEE PCJS Shout Out (cont'd)

› **Signal Processing–** Jerry Bellott and Yahia Tachwalli have taken charge in making the SP a more vibrant chapter with meetings and activities.

› **TCF 2019 –** Al Katz and volunteers continue to put on an engaging conference/workshop for the section. This year was well attended.

IEEE PCJS Shout Out (cont'd)

› **ISEC 2019 –** Our Education Society puts on an Integrated STEM in Education Conference yearly. We had to limit registrations to 150 last year. This year we were able to register 175. Thank you Ashutosh Dutta, Nagi Naganathan, Roger Ding, Weihsing Wang, Ralph Tillinghast and Matthew Morrison for leading this conference.

› **ITPC 2019 –** A last minute surge in registrations was a happy event for this IT Professional Conference. David Soll (past chair of section) has been leading this conference for over 8 years.

IEEE PCJS Shout Out (cont'd)

› **Joint Holiday dinner with the New Jersey Coast Section –** We had a great event with the Coast section in December 2018. Thank you to Barbara O'Connell (Fran's wife) for much of the planning with the NJ Coast team.

› **Young Professionals –** Chair Kaitlin Frolio has an active YP group. She recently had a joint event with the Life Members at a local brewery. It was very successful.

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Concerns for IEEE PCJS

› Some chapters are still leaderless. There are many with only one chair and no vice chair. Concern is with Power Engineering.

› Having meaningful meetings is tough without the leadership.

› Section suffered a financial loss in 2015 and is still recovering. We have been coming back from that and are doing better financially.

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Action Steps for IEEE PCJS

- Contact the present chapter/affinity leaders and identify members who would like to rise to leadership positions. Provide training.

- Encourage our present leaders to take IEEE on-line training in leadership training

- Contact the section at large to encourage presently disengaged members to try attending one meeting coming up and potentially to get involved.

- Ask R1 for ideas!

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Action Steps for IEEE PCJS (cont'd)

- Contact members to encourage Senior Membership applications

- Pass along these notes to the ExCom to let them know we are thinking about them

- Continue to keep better track of financials, especially for conferences.

- Re-engage with Universities in the section. There is a strong connection to The College of New Jersey, but flimsy connection Rutgers. Started to make contacts with Princeton University.
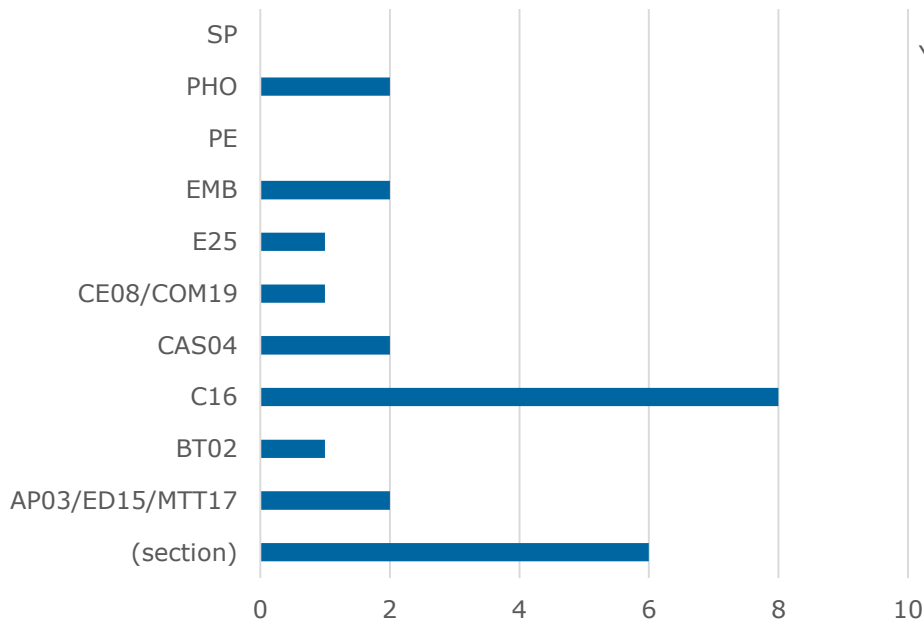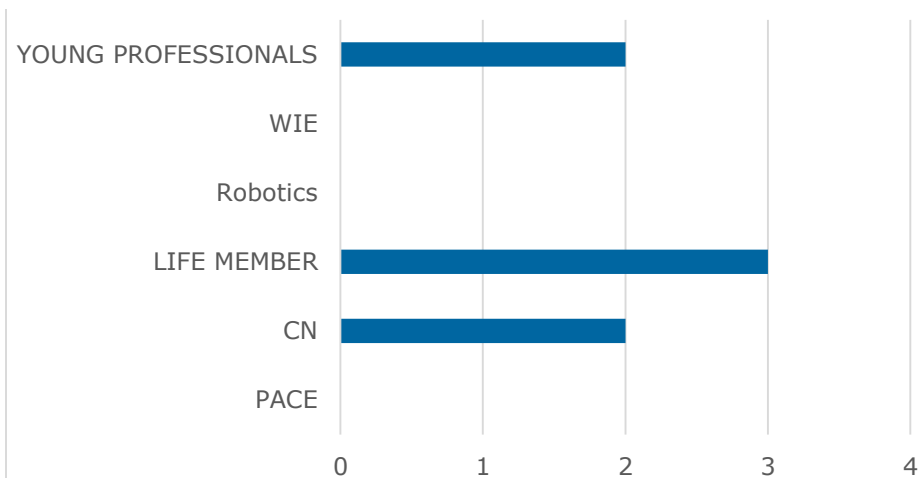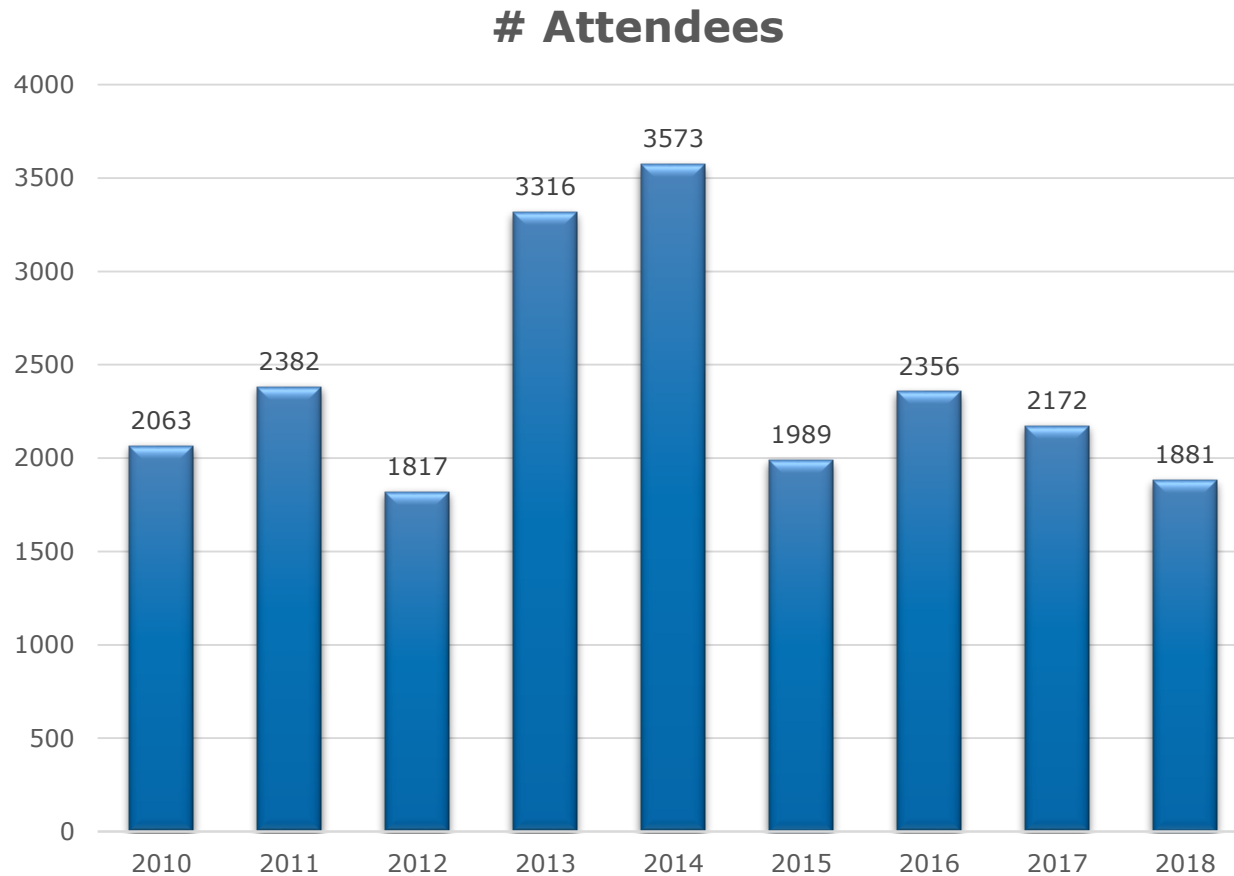
Meetings

Meeting Count
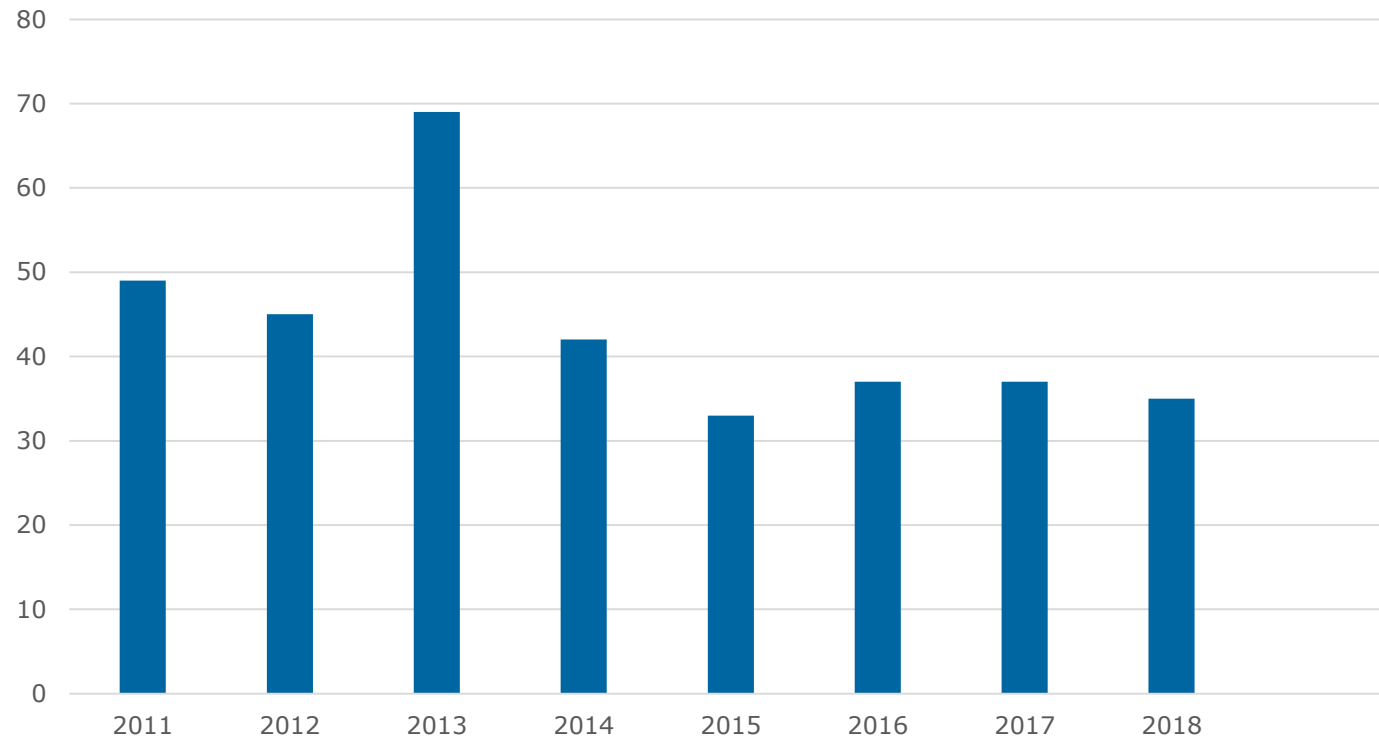
Meetings Breakdown

2018 Meeting Distribution Count

2018 Affinity Meetings

Meeting Attendance

 # Attendees

8/11/18 PCJS

Conferences

› ISEC – Integrated STEM Education Conference

- March 16, 2019 – Was very successful

› ITPC – Information Technology Professional Conference

- March 22, 2019 – Last minute registrations was encouraging

› TCF – Trenton Computer Festival

- March 23, 2019 – Successful program

› Sarnoff Symposium

- Scheduled for September 2019

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Other Activities

- Sponsoring High School IEEE STEM Clubs
  - Bridgewater Raritan High School
  - Montgomery High School
  - Hillsborough High School
  - Noor-UI-Iman High School

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Summary

› I am grateful for all our members have done to make this a vibrant section

› We have a strong section. However, we do need to engage more of our membership and to provide opportunities to get them involved.

› Our leadership is in it for the long haul:

 – Fran O'Connell, IEEE PCJS Chair

 – Francis.x.oconnell@ieee.org

 – 609-213-0705

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