IEEE Students and Young Professionals

Serving and Preparing our Next Generation of Leaders
The IEEE Student Branch is an operating organizational unit of IEEE at the college/university level constituted by a minimum of twelve (12) IEEE student members

- Goal: Engage students in the mission, benefits, and opportunities of the IEEE

- Sponsors activities and events with technical, professional, and humanitarian aspirations
  - Guest speakers
  - Paper contests
  - Local community initiatives

- Fun, too!
  - Social events to bring together students with faculty
  - PI Day
Through the Student Branch:

- Develop professional networks
- Enhance presentation skills in low risk environments
- Develop management skills, e.g., leading without authority
- Committee experience
  - Managing projects
  - Managing people
Student Activities Portfolio

Technical Programs & Opportunities

- Technical Chapters
- IEEE Xtreme
- Robotics & Paper Contests
- Project Showcases
- Technical Speakers
- IEEE Potentials
- Discounts
- Student Tracks at Conferences

Public Programs & Opportunities

- Humanitarian Initiatives
- President’s Change the World Competition
- Awards & Recognition

Career Programs & Opportunities

- IEEE ResumeLab
- Soft-skill Seminars
- Professional Awareness Events
- Engineers Week
- Networking events
- Ethics Competitions

Volunteer Development

- Student Congresses
- Training Webcasts
- Student Branch Development Resources
Competitions & Awards
IEEEXtreme is a global challenge in which teams of IEEE Student members compete in a 24-hour time span against each other to solve a set of programming problems.

**Grand Prize:**

All expense-paid trip to an IEEE conference of choice, anywhere around the world!

www.ieee.org/xtreme
2013 Competition Stats

- 1,839 teams – 28% growth YoY
  - 4,900 students; 764 proctors; 50 vols/staff
- 61 countries represented
- 497 universities/SB’s with team(s)

Special Thanks to the IEEEExtreme 7.0 Sponsors
IEEE Computer Society, IEEE.tv, Lenovo, Acadox; Membership Development; University Partnership Program; Student Activities Committee; IEEE-HKN
• Students who identify a real-world problem and apply engineering, computing, science and leadership skills to solve it!

• Students display their ingenuity and enthusiasm for engineering and technology recognized by prestigious IEEE members around the globe.

**Prize - US $10,000 towards the project**
Student Activities Awards
http://www.ieee.org/membership_services/membership/students/awards/student_branch_awards.html

- Student Enterprise Award
- Larry K. Wilson Regional Student Activities Award
- IEEE Regional Exemplary Student Branch Award
- IEEE Outstanding Branch Counselor and Advisor Award Recognition Program
- The Darrel Chong Student Activity Award

Nominations begin on or about 15 November and close 1 February annually.
Benefits of Membership
Student Benefits

Global Benefits Finder

Uncover IEEE member benefits that are most relevant to you. Use the Global Benefits finder below to select your current career phase and country, then select "Go". Your results page will render a list of key IEEE member benefits that can help you accelerate your career plans and help you grow as a technology professional.

Global Benefits Finder:

- By Membership Menu
- By IEEE Membership
- By Societies and Special Interest Groups
- By myIEEE
- By Member-Get-a-Member
- By Student Resources

Resources for...

- Authors and speakers
- Conference organizers
- Employers and job seekers
- Educators
- Librarians and institutions
- Media and journalists
- Students
- Volunteers

Join IEEE or a society

As a member of IEEE, you’ll receive access to select content, product discounts, and more.

- Review all member benefits
- Not ready to join but need access to online services like IEEE Shop?
- Learn about a Web Account
This fall, IEEE Potentials will transition into a digital delivery format which benefits IEEE Members, primarily IEEE Students:
- Ease of accessibility
- Mobile, Tablet friendly
- Fast and efficient method of delivery

Please visit www.ieee.org/potentials and IEEE Potentials on Facebook to learn of future updates and changes.

For article submission and idea generation, please email potentials@ieee.org.
**IEEE.tv** is an internet television network that produces and delivers special-interest programming about technology and engineering, for the benefit of IEEE's members and the public.

- **Goal:** Introduce video as a member benefit and public relations opportunity
  - "Made possible by the members of IEEE"
- Add dimension to the ‘IEEE experience’
- IEEE.tv Member Basic is an exclusive benefit of IEEE membership
- Over 50 programs now available
- New IEEE.tv Student Channel

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**IEEE**

*Advancing Technology for Humanity*
Graduating Student Transition and Elevation Program

- Sponsored by IEEE Young Professionals allows students to network with other young professionals
- Linkage to another local entity other than Student Branch/Chapter

Student Graduation Kits

- Mailed to every graduating student
- Recommends benefits for a beginning professional – Job Site, ResumeLab, MentorCentre, IEEE memberNet
- Overview of members-only discounts
- Incentives to update mailing address info
Professional Home After Graduation

Connectivity via the IEEE Network

- IEEE Young Professionals
- Local IEEE Section & Technical Chapters
- IEEE Societies

Beginning Career Benefits

- IEEE memberNet directory
- IEEE Job Site
- IEEE MentorCentre
- IEEE ResumeLab
Bringing it all together... myIEEE

**Personalized, Customizable, Portable**

- Library of myIEEE modules/gadgets
- Layout selection, 2 or 3 columns, with drag-and-drop gadget placement
- RSS tools to import feeds from IEEE or other content sources
- Choice of several technology-based themes for the interface

**IEEE memberNet**

- Only directory of all 400,000 IEEE members
- Enables online, peer-to-peer networking with technical expertise worldwide
New Student Branch Resources

Global Student Facebook Page: www.facebook.com/IEEESTUDENTS

Branch Calendar:
http://www.ieee.org/membership_services/membership/students/st_calendar-student_branch_development.pdf

Best Practices:
http://www.ieee.org/membership_services/membership/students/st_best_practices_flyer.pdf

Volunteer Training:
http://www.ieee.org/membership_services/membership/students/student_webinars.html

Student Branch Manual & Counselor Guide - PDF version

Student Branch Manual & Counselor Guide - Audio version
https://prezi.com/rxbx1blid6tp/student-branch-manual/

Student Travel Grants Repository:
http://www.ieee.org/membership_services/membership/students/awards/student_travel_grants.html
An international community of enthusiastic, dynamic, and innovative IEEE members and volunteers

Categorized as IEEE Member grade within the first fifteen years of their career since graduating.

Goal: Committed to helping young professionals:

- Evaluate their career goals
- Polish their professional image
- Create the building blocks of a lifelong and diverse professional network.

Set up as Regional and local affinity groups to fulfill the needs of these members.
A key component of IEEE Young Professionals is the opportunity for professional networking which requires an element of social networking. Be sure to check out our presence on the following sites:

- **LinkedIn**: https://www.linkedin.com/company/3623888
- **Facebook**: https://www.facebook.com/ieeeyp
- **Twitter**: @IEEEYP
Young Professionals Program Portfolio

Technical Programs & Opportunities
- Webinars
- YP Receptions at Society Conferences
- YP track at conferences
- Member discounts

Public Programs & Opportunities
- Society Competitions
- Humanitarian Initiatives
- GOLDRush Blog
- Guest Speakers
- Social Programs

Volunteer Development
- YP Congresses
- YP Summits

Career Programs & Opportunities
- Webinars
- IEEE Job Site
- ResumeLab
- MentorCentre
- Student Transition and Elevation Partnership (STEP)
Student Transition and Elevation Program (STEP) www.ieee.org/step

-STEP was created as a tool to help improve member retention as student members are elevated from student level to higher grade member.

-Engagement and outreach opportunity facilitates the transition from Student Member to Young Professional.

-Introduces the opportunities and benefits of IEEE membership during the onset of a career.
  -Meet local young professionals.
  -Introduction to the greater IEEE network through the YP Affinity Group in the local section.
  -Recognition for their accomplishments while being welcomed into the professional IEEE community.
  -Increased awareness of IEEE benefits for young professionals.
  -Career enhancement, networking, and professional development activities at the STEP event.
Career Resources

- Find a job @ IEEE Job Site careers.ieee.org

- Create your resume @ IEEE Resume Lab www.ieee.org/resumelab

- Find a mentor @ IEEE MentorCentre www.ieee.org/mentoring

- Knowledge resources

Career Guidance @ The Institute http://theinstitute.ieee.org/career-and-education
The Young Professionals Webinar Program provides live and/or on-demand sessions to develop skills covering a variety of categories, including professional, humanitarian, technical, life skills, and volunteer tracks.

Link to webinars:
http://www.ieee.org/membership_services/membership/gold/gold_webinars_index.html
IEEE Student Branches and local Sections can work together on activities...

- Engage leaders in the mission, benefits, and opportunities of IEEE
- Sponsors activities and events technical, professional, and humanitarian aspirations
  - Guest speakers
  - Paper contests
  - Local public imperatives
- Fun, too!
  - Social events to bring together students with faculty
  - Pi Day
What is the value?

IEEE members are committed to the same global goal – you will be adding value to this by making new connections, developing new projects, and engaging with other like-minded leaders.

Engaging with leaders locally, ultimately developing global partnerships to foster continued improvement.
Why is all of this important?

As you know, being an IEEE member means the opportunities are endless, but collaboration with the future of IEEE - students and young professionals - allows innovation and fresh, new ideas to continue to advance the IEEE mission!
IEEE Headquarters Support
Connect Globally...

Global Student Facebook Page:  
https://www.facebook.com/IEEESTUDENTS

Young Professionals Facebook Page:  
https://www.facebook.com/ieeeyp

IEEE Students:  
www.ieee.org/students

IEEE Young Professionals  
www.ieee.org/yp

To connect with staff, please email student-services@ieee.org or young-professionals@ieee.org.