

# IEEE EPS Student Branch Chapter Program

**Dr Andrew Tay**  
**EPS Director of Student Programs (2021)**  
**<https://eps.ieee.org>**

1. Benefits of IEEE Student Membership.
2. Structure of Student Branch Chapters (SBCs) in a University.
3. Aim of SBCs.
4. Categories of SBC Activities.
5. EPS Subsidies for SBC Activities.
6. EPS Student Chapter Promotion Program.
7. EPS Student Chapter Continuation Program.
8. Current EPS SBCs.
9. Q&A

**IEEE Spectrum Magazine** - the flagship publication of IEEE, explores the development, applications and implications of new technologies.

**myIEEE**- an interactive web portal exclusive to IEEE Members which allows for the customization of the member experience using gadgets, RSS feeds, et. al.

**IEEE.tv™**- Internet television offering exclusive programming about technology and engineering.

**IEEE memberNET**- an online search and networking tool that enables members to connect with technical and engineering experts worldwide.

**IEEE Potentials Magazine** - the only student-focused magazine within all of IEEE!

**What's New for Students**- electronic newsletter for students and graduate student members highlighting resources and new benefits within IEEE.

**IEEE ResumeLab**- an online service that allows IEEE members to develop a resume.

**IEEE email alias**- free for members with virus protection and spam filtering.

**IEEE Discounts**- membership pays for itself with as much as 50% off IEEE products.

**Career Alerts-** a weekly email containing career advice.

**Job Site-** helps to locate career opportunities easily and confidentially.

**Mentorship-** Approach senior professionals to become your career mentors.

**Networking-** Opportunities to network with professionals in electronics packaging.

**Leadership Development-** Opportunities for leadership development through special IEEE programs and organisation of chapter activities.

**EPS Resource Center** – online library of webinars, lectures, presentations, etc

**EPS Digital Library** – IEEE Xplore, magazines, newsletters, etc.

**EPS Certificate Program** – EPS Achievement Certificate,

- EPS Distinguished Achievement Certificate for Technical Leadership and Expertise
- EPS Distinguished Achievement Certificate for Professional Engagement and Service



## EPS CERTIFICATE OF ACHIEVEMENT

Is hereby granted to

**[recipient.name]**

In Recognition of

Having Completed 15 Hours of Professional Development  
Continuing Education in the Field of Electronics Packaging

Awarded on [custom.course\_date]

*Chris Bailey*



### **Student Branch (SB)**

- All SBCs is associated with a University and come under the umbrella of an IEEE Student Branch (SB) in that university.
- To form an SB, there must be at least 12 IEEE student members.
- Each SB is governed by an Executive Committee and advised by a Counsellor who must be a faculty member of the university.
- All SBs in a country report to the IEEE Section/Council of that country.

### Student Branch Chapters (SBCs)

- Each SBC is associated with an IEEE Technical Society such as Electronics Packaging Society, Electron Devices Society, etc.
- To form a SBC, there must be at least 6 student members.
- Each SBC is governed by an Executive Committee and advised by an Advisor who must be a faculty member of the university.

- The main aim of an SBC is to promote the activities of the Technical Society it is associated with e.g. electronics packaging.
- This is accomplished through various activities organized by the SBC.
- It also serves to develop student leaders who may be expected to continue to become leaders in the Technical Society in their city/country.
- It can help to provide opportunities for students to learn more about electronics packaging and network with professionals working in that field.



## 4. Categories of SBC Activities

Category	Examples
<b>Administrative</b>	Exco meetings, Annual Elections (AGM not essential but preferred), planning meetings, etc
<b>Technical</b>	Technical talks, seminars, webinars, conferences, workshops, visits to electronics companies, etc
<b>Non-Technical</b>	Membership promotional activities, introducing EPS to student body during orientation at the beginning of the year, etc
<b>Professional</b>	Career talks, networking sessions with electronics companies.
<b>Humanitarian</b>	Charitable activities, introducing electronics packaging to under-privileged groups in the community, etc.

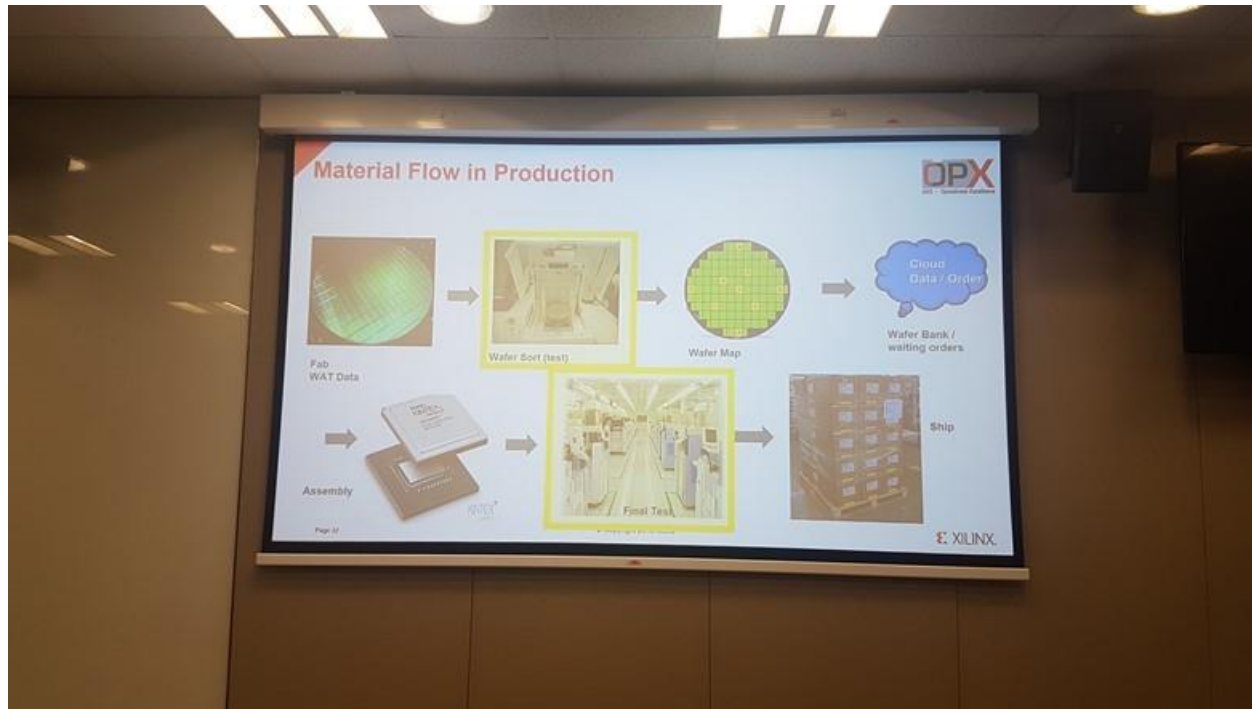
These are usually committee meetings.



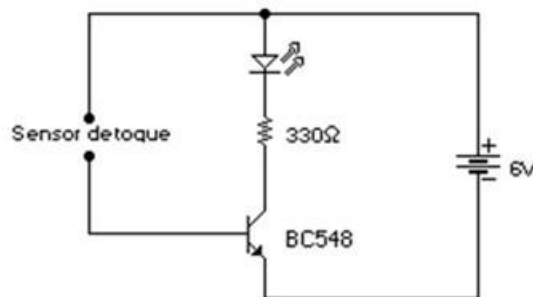
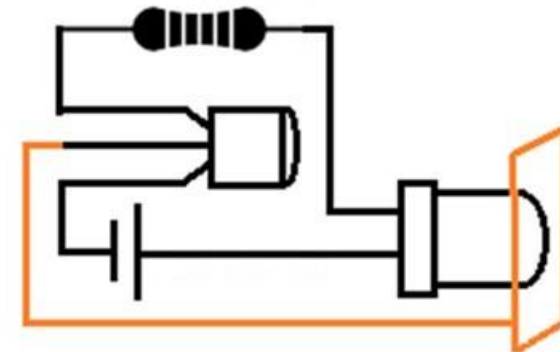
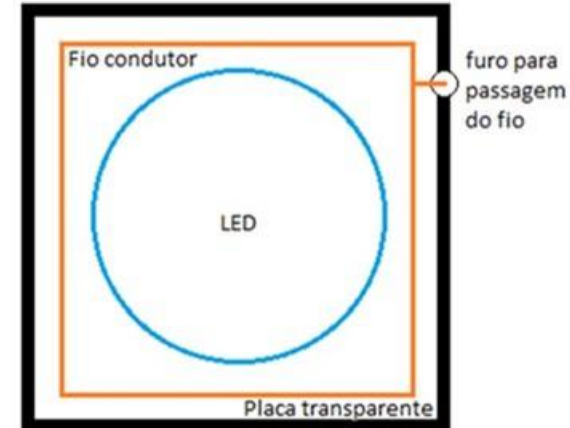
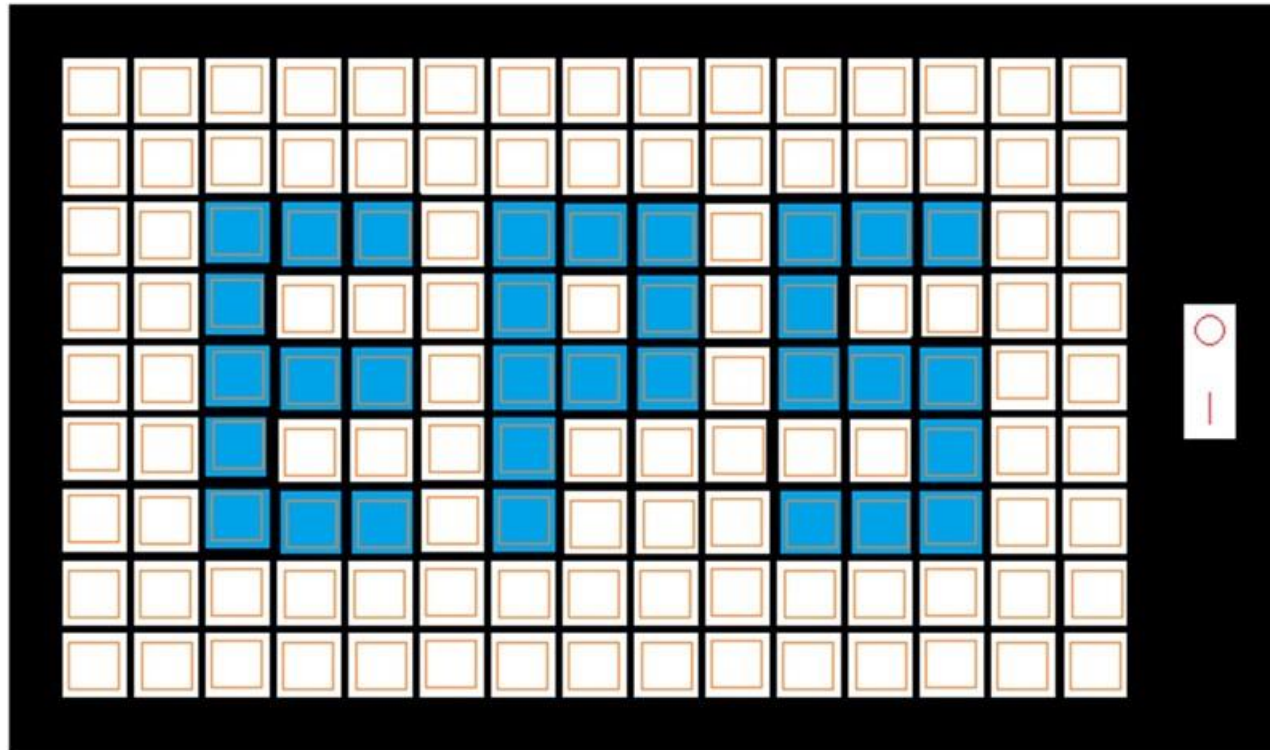
The photograph above shows an Executive Committee Meeting in progress at the SBC at Politehnica University of Bucharest.



- The above photograph shows a Technical Talk given by an expert or professional in electronics packaging organized by SBC at University of California at Los Angeles.
- EPS has a list of Distinguished Lecturers at its website whom SBCs can invite to give talks on various aspects of electronics packaging.



- The above photograph shows a visit to Xilinx to understand their manufacturing processes and the goals of the company organized by the Singapore University of Technology and Design SBC.
- On your own, such visits may not be possible but as a student chapter, it's possible.
- Members get to network with industry professionals and improve their understanding of the industry.



A project to develop a display screen by the SBC at Universidade Federal ABC, South Brazil.

## INTERCONNECTION TECHNIQUES IN ELECTRONICS (TIE)

### PROFESSIONAL STUDENT CONTEST

A WAY to turn your hobby into PROFESSION

The 30<sup>th</sup> Edition, 25<sup>th</sup> – 26<sup>th</sup> October 2021

- Organized by the following EPS SBCs in Romania:
- Politehnica University of Bucharest
  - Technical University of Cluj-Napoca
  - Politehnica University of Timisoara
  - Gheorghe Asachi Technical University of Iasi

**INTERNATIONAL SYMPOSIUM  
FOR DESIGN AND TECHNOLOGY  
IN ELECTRONICS PACKAGING**

**Conference & Exhibition**

The 27<sup>th</sup> Edition, 27<sup>th</sup> – 30<sup>th</sup> October 2021

Co-Organized by EPS SBCs in Romania.

# Non-Technical Activities



The above photograph shows members of the SBC at University Federal Do ABC, Brazil, introducing EPS to new students and their parents during orientation week in South Brazil.





Reaching out to young students by Politechnica University of Bucharest SBC.

## 5. Subsidies for SBC Activities.

- We encourage our SBCs to try to raise financial support from local companies and organizations, professional EPS chapters, universities, etc.
- EPS SBCs can apply for up to \$US1000 per year to support their activities.
- For new chapters, the subsidy can be up to \$US1500 for the first year only.
- Applications for subsidies can be made at any time but at least one month's notice should be given for the process of approval and fund transfer.
- SBCs which obtain EPS subsidies are required to submit a report on the subsidized activity including a simple financial statement.

- **Aim** to promote the formation of *new* student chapters.
- **Free** IEEE+EPS student memberships for 6 students per new chapter willing to serve as executive committee members.
- **Free** IEEE+EPS membership for one faculty Advisor per new student chapter.
- **More details** are available at the EPS website <https://eps.ieee.org>.
- **To apply**, contact EPS Director of Student Programs.

- The Student Chapter Continuation Program (SCCP) has also been initiated to facilitate the ***continuation*** of existing EPS student chapters.
- **Free** IEEE+EPS memberships to 6 students in a university with an existing EPS student branch chapter who are willing to serve as executive committee members of the student chapter.
- **Free** IEEE+EPS to a faculty who agrees to serve as the Advisor to the student chapter.
- **T&Cs** – Must keep chapter viable, ie organize at least 2 technical activities per year and submit annual officer and activity reports to both IEEE and EPS.

1. Addis Ababa University, Ethiopia
2. Florida International University, USA
3. Fudan University, China
4. Georgia Institute of Technology, USA
5. Harbin Institute of Technology, China
6. Michigan State University, USA
7. Politehnica Univ Of Bucharest, Romania
8. Politehnica Univ of Timisoara, Romania
9. San Jose State University, USA
10. Singapore University of Technology & Design
11. State University of NY at Binghamton, USA
12. Technical University of Cluj Napoca, Romania
13. Technical University of Iasi, Romania
14. Tsinghua University, China
15. Universidade E P – Guaratingueta, Brazil
16. Universidade Federal do ABC, Brzil
17. University of California-Los Angeles, USA
18. University of Florida, USA
19. University of Maryland - College Park, USA
20. University of Waterloo, Canada
21. Wuhan University, China