

# Annual Report of IEEE Harbin Section

## PART A - SECTION SUMMARY

### A.1 Executive Summary –

- Section Executive Committee Member List

Committee Member List	
Dianguo Xu	Harbin Institute of Technology
Qun Wu	Harbin Institute of Technology
Fanyi Meng	Harbin Institute of Technology
Weixiao Meng	Harbin Institute of Technology
Kuang Zhang	Harbin Institute of Technology
Jianfeng Sun	Harbin Institute of Technology
Shuai Han	Harbin Institute of Technology
Min Jia	Harbin Institute of Technology
Guanglu Sun	Harbin University of Science and Technology
Yun Lin	Harbin Engineering University
Yingsong Li	Harbin Engineering University
Zheng Dou	Harbin Engineering University
Minghui Sun	Jilin University
Wukun Insight	Harbin University of Science and Technology

- Section Highlights
  - 1) Develop new IEEE members and chapters
  - 2) Sponsorship for conferences
  - 3) Provide technical support for IEEE Conference
  - 4) Supervise the papers quality of IEEE conference
  - 5) Provide paper submission system for free to IEEE conference
  - 6) 2017 outstanding section membership recruitment and retention performance
- Major Events (International, National)

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Name of the Event
2019 IEEE 2nd International Conference on Automation, Electronics and Electrical Engineering (AUTEEE 2019-Shenyang, China)
2019 3rd IEEE International Conference on Computer Systems, Electronics and Control (ICCSEC2019-Dalian, China)
2018 IEEE 4th International Conference on Cloud Computing and Internet of things (CCIoT 2019-Changchun, China)
2018 4th International Conference on Measurement, Information and Control (ICMIC2019-Harbin, China)
2019 IEEE 7th International Conference on Computer Science and Network Technology (ICCSNT2019-Dalian, China)

- Major Student and Affinity Group Activities

Name of the Event
Workshop on IEEEExplore
Workshop on CST
Workshop on ADS
Membership Development Boot Camp

- Awards

### A.2 Financial Report – (Please follow the format given below)

- Summary (as per submitted L50)  
Financial report submitted via Netsuite

## PART B - ORGANIZATIONAL ACTIVITIES

## B.1 Membership Development Activities

- Total number of active members in the past 3 years.:876
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
  - 1) Membership boot camps were organized
  - 2) Social gathering were organized for membership retention
  - 3) Several student support activities such as the student research presentation awards in IEEE international conferences and the student awards for research work in local universities and Joint Congresses presentation have been penetrated to the society and positively attracted students for joining the IEEE.

## B.2 Chapter Activities

- Total number of Chapters in the Section: 6
- Number of Chapters formed in the current year: 0
- Number of active Chapters (Chapters who have reported required number of meetings during the year): 6
- Summary of Chapter activities
  - 1) Provide support to 2019 IEEE 2nd International Conference on Automation, Electronics and Electrical Engineering (AUTEEE 2019-Shenyang, China)
  - 2) Provide support to 2019 3rd IEEE International Conference on Computer Systems, Electronics and Control (ICCSEC2019-Dalian, China)
  - 3) Provide support to 2018 IEEE 4th International Conference on Cloud Computing and Internet of things (CCIoT 2019-Changchun, China)
  - 4) Provide support to 2018 4th International Conference on Measurement, Information and Control (ICMIC2019-Harbin, China)
  - 5) Provide support to 2019 IEEE 7th International Conference on Computer Science and Network Technology (ICCSNT2019-Dalian, China)

## B.3 Professional and Continuing Education Activities

Summary of continuing Educational activities including conferences, technical activities, training courses, and distinguished lecture programs with attachment table / information

## B.4 Students Activities

- Total number of Student Branches in the Section: 1
- Number of Student Branches formed in the current year: 0
- Section level student activities (student congress, paper and other contests, awards etc) : 4
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year): 1
- Summary of Student Branch activities (Student Branch wise with attachment table/information)

Student Branch:

Title	Date
Theory of metamaterial polarization converter	26 October
Workshop on EM Simulation with CST	21 September
Research on the programable metasurface	2 June
Workshop on IEEE Xplore	6 April

## B.5 Affinity Group Activities

- Young Professional (YP):
- Women In Engineering (WIE): Provided support to ICMIC2019-Harbin, China.
- Life Member: 0

## B.6 Awards & Recognition Activities

- Award constituted by the Section:
- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year 2019:

### **B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)**

- Newsletter (name and number of issues in the year): submitted.
- Home Page of the Section (give the URL and how often it is updated)  
<https://site.ieee.org/harbin/>, event driven update
- Other means of contacts with Section members including social media  
Section and Student Branch have their WeChat group.

### **B.8 Industry Relations**

- Membership growth and retention:
- Activities for/with industrial members:

### **B.9 Humanitarian Technology Activities**

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.:
- SIGHT Activities:

### **B.10 Community Activities**

- IEEE Social activities (Family day, IEEE day, Engineers Week)”
- Celebrating IEEE day

## **PART C - OTHERS**

### **C.1 Special Events**

- Please briefly describe the importance of special events and the outcomes achieved
- Funding secured from the IEEE and external sources including sponsorships

### **C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)**

- Nature of relationship and details of any formal agreement signed : NULL
- Details of joint activities
- Benefit to IEEE members (for example discounts, access to technical information etc.)
- Benefit to Section (for example help in membership development, venue facilities, cost saving etc.)

### **C3. Collaboration with other IEEE Sections**

- Support extended to neighboring Sections: NULL
- Joint activities with any other Section:

### **C.4 Support extended to Sub-sections & Society Chapters within the Section**

- Support extended for organising technical, educational and professional activities:
- Joint activities for membership development: NULL
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section:

**C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members)**

**C.6 Problems anticipated and suggestions for solutions, if any:**

The use of Harbin section's card is very limited because that most of shops or restaurants do not accept the overseas card. However, Harbin section gets additional activity fund from Harbin Institute of Technology. In addition, accessing the R10 homepage([www.ieeer10.org](http://www.ieeer10.org)) is also very difficult, whether it possible to provide a mirror site or VPN?

## **PART D - GOALS AND PLANS**

**D.1 Continuation of project/activity in progress and their implementation plans**

- 1) Provide more support to the student innovation labs.
- 2) Increasing outreach activities
- 3) Organizing technical activities

**D.2 Goals and Future Plans**

- 1) Increase membership counts
- 2) Increase technical activities
- 3) Increasing membership base by including undergraduate students
- 4) Organizing international conferences
- 5) Establishing new student branches
- 6) Application for IEEE Milestone

**D.3 Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.**

- 1) Identify new membership bases
- 2) Organize membership bootcamps
- 3) Offer innovative membership benefits and more networking with peers.