

IEEE China Council Report 2024

** Please use the following format to prepare and submit your Section's annual report to Region 10.*

** Please note that the annual reports are used to evaluate the outstanding Sections in the region and reports submitted after the announced due date will not be considered for the award. Please do not include more than 3 photographs and preferably put them on additional pages attached to the report (please delete this paragraph in your report).*

** Please try to limit your Section's annual report not more than 15 pages.*

PART A - SECTION SUMMARY

A.1 Executive Summary – (Please follow the format given below)

- Section Executive Committee Member List
 - Chair: Yinghong Wen
 - Executive vice chair: Mengqi Zhou
 - Vice chairs:
 - Qiuqi Ruan
 - Jianguo Huang
 - Qun Wu
 - Chao Wang
 - Secretary: Debiao Lu
 - Treasurer: Gaoyun An
 - Executive vice chair:
 - Qi Huang
 - Xiaohu You
 - Guilin Zheng
 - Xiaohong Guan
 - Yinfu Hu
 - Executive Committee Members
 - Yinghong Wen
 - Mengqi Zhou
 - Qiuqi Ruan
 - Jianguo Huang
 - Qun Wu
 - Wenjun Zhang
 - Chao Wang
 - Guilin Zheng
 - Jinjun Feng
 - Guohui Yang
 - Tao Zhang
 - Chuan Zhang
 - Wenzheng Li
 - Gaoyun An
 - Debiao Lu
 - Wei Jiang
 - Weining Wang
- Section Highlights

IEEE China Council holds many activities and conferences during the year 2024. But since the China Council has no funding source, the activities and conferences are normally held with other sponsors. The chatpers, WIE/YP/LM Affinity Groups are not belonging to China Council but belongs to the sections in China. There are 9 events held for the students and young professionals, which

includes the 2024 IEEE Volunteer Training and Student Association Activities held in August 2024 at Beijing Jiaotong University, the committee for student activity and others joined together from R10 are all gathered at Beijing Jiaotong University for further activities.

The listed student activities are:

○ **2024 IEEE Volunteer Training and Student Association Activities**

The IEEE Volunteer Training Event invited many senior IEEE member leaders, experts, scholars, and student volunteer leaders. The event centered around topics of interest to members, such as time management, the use of IEEE volunteer online tools, opportunities and applications for becoming an IEEE member leader, and shared their growth experiences in the IEEE community and methods for enhancing leadership skills. Meanwhile, it also covered the impact of participating in IEEE and undertaking volunteer work on career development, the relationship between career development and IEEE journals and membership work, the cooperation among IEEE technical societies, and the benefits of the IEEE platform for career development. During the communication and interaction session, participants had in - depth discussions on topics such as time management for personal, professional, and volunteer work, and conducted demonstration and communication on IEEE - related online tools and training materials, aiming to help student and teacher participants better understand the IEEE platform and enhance their own capabilities.



○ **IEEE Region 10 student summit**

The IEEE Region 10 Student Summit and Beijing Sub-region Student Activity was centered around the theme of "Promoting Cooperation and Communication, Facilitating Student Growth". During the event, student organization leaders from various universities shared experiences in student work, organization operation, and competition organization. Experts and professors discussed IEEE ethical norms and organizational management, and delivered keynote speeches on topics such as the prospects of AI technology standardization. Fun interactive games were also set up. This event provided students with new ideas for organizational management. In terms of academic expansion, it helped students keep up with industry trends and understand the forefront of AI technology. It greatly inspired students' enthusiasm for participating in IEEE activities, assisted students in enhancing their comprehensive qualities, and laid a solid foundation for students to engage in scientific and technological innovation in the future.



- Major Events (International, National)
 - IEEE China Council has sponsored several conferences in China. And the IEEE China Council has regularly ExCom meetings.
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- Major Chapter Activities
- Major Student and Affinity Group Activities
 - **University enterprise line-HollySys**
To enhance students' understanding of excellent enterprises, strengthen school-enterprise cooperation, and help students understand the industry development dynamics, employment situation, and feel the excellent corporate culture and working atmosphere of industry leading institutions, IEEE Beijing Jiaotong University Student Branch carries out this "University Enterprise Tour" activity.
 - **University enterprise line -AI Road**
This activity has organized students to visit Tencent, Kuaishou, Tucson Future, millet, ByteDance, Jiji Future Park, Meituan, Baidu, Jingdong, Huawei and other ten AI industry manufacturers, invited several HR and technical experts, to help students broaden their horizons, understand the development of the industry, but also enhance the contact between enterprises and outstanding talents in universities. Better understand each other's needs.
 - **The 5th "AI Future" Beijing University Artificial Intelligence Academic Forum**
The 5th "AI Future" Beijing University Artificial Intelligence Academic Forum is a grand event for the cutting-edge exchange and sharing in the field of artificial intelligence among universities and research institutes in Beijing. It aims to invite academic celebrities, young students and representatives of well-known enterprises in the field of artificial intelligence from well-known universities and research institutes in Beijing. Academic exchanges will be conducted around the basic research, theoretical innovation and industrial application of artificial intelligence and complex system control.
 - **IEEE Beijing Jiaotong University Student Branch member meeting**
By holding this meeting, the purpose is to help the new members of the community to understand each other faster, more united, with a more full attitude into the work of the IEEE Student branch, mutual help, common progress, and make unremitting efforts for the IEEE Student Branch better tomorrow.
 - **Graduate thesis writing experience sharing session**

This lecture invited student representatives with outstanding academic performance and outstanding research work in paper publication to share their experience from two aspects of paper writing and scientific research innovation, and answer questions for students.

- **"Seniors and seniors zero distance" afternoon tea series activities**

To help you understand the development prospects and career status of the industry as early as possible, and make career planning and employment preparations in advance, the College will carry out the "Senior and Senior Sisters zero distance" alumni afternoon tea series job sharing activities. Each event will invite senior students who have graduated in the last 2-3 years to share and exchange activities. The content of the activity mainly includes two parts: sharing their personal job hunting experience, career choice, work content and experience, and helping their younger students answer questions and solve doubts.

- **"Know the faith and practice honesty" academic integrity knowledge competition**

As an important part of the "Graduate Academic Ethics and Style of Study Construction Month", this knowledge competition aims to improve graduate students' knowledge and understanding of academic integrity, enhance their awareness of academic integrity, create a good academic atmosphere, promote academic exchanges and cooperation, improve graduate students' ability to distinguish and prevent academic misconduct, and maintain academic justice and fairness. Stimulate graduate students to pay attention to and think about academic integrity, and promote the construction of academic integrity.

- **University enterprise line-ESWIN**

In order to enhance students' understanding of excellent enterprises, strengthen school-enterprise cooperation, and help students understand the industry development dynamics, employment situation, and feel the excellent corporate culture and working atmosphere of industry leading institutions, IEEE Beijing Jiaotong University Student Branch carries out this "University Enterprise Tour" activity.

- **IEEE SYML 2024**

IEEE R10 Students, Young Professionals, Women in Engineering and Life Members (SYWL) Congress is a bi-annual event of IEEE Asia-Pacific Region (R10). The event aims to foster volunteer leadership, and facilitates networking among the participants from different corners within the Region. The Congress is the best place to learn the collaborative leadership beyond various boundaries such as gender, ethical background, culture, religion, and geographical region/country/section differences. Participants will learn the environmental driver of IEEE Strategic Plan, "IEEE will foster a collaborative environment that is open, inclusive, and free of bias and will continue to sustain the strength, reach, and vitality of our organization for future generations."



- Awards
 - China Council was recognized as the Councils making good efforts in organizing IEEE activities, and supporting the local IEEE communities and members in 2024.

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

- Summary (as per submitted on NetSuite)
 - N/A, the IEEE China council has no membership fees and thus no financial report is necessary
- Any other financial activities
 - N/A

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
 - N/A, no liability for member development
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
 - N/A, no liability for member development

B.2 Chapter Activities

- Total number of Chapters in the Section
 - N/A, chapter activities are applicable to each sections instead of China council.
- Number of Chapters formed in the current year
 - N/A, chapter activities are applicable to each sections instead of China council.
- Number of active Chapters (Chapters who have reported required number of meetings during the year)
 - N/A, chapter activities are applicable to each sections instead of China council.
- Summary of Chapter activities (Chapter wise with attachment table/information)
 - N/A, chapter activities are applicable to each sections instead of China council.

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

- IEEE China Council Student Branch has held many activities in 2023, are described in the Major Student and Affinity Group Activities part.
- The China Council has been actively involved in the conferences held in China and the audit of the conferences.

B.4 Students Activities

- Total number of Student Branches in the Section
 - N/A, student branches are also included in each section.
- Number of Student Branches formed in the current year
 - N/A, student branches are also included in each section.
- Section level student activities (student congress, paper and other contests, awards etc)
 - N/A, student branches are also included in each section.
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)
 - N/A, student branches are also included in each section.
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
 - The activities are described in Major Student and Affinity Group Activities part.

B.5 Affinity Group Activities

- Young Professional (YP)
 - N/A

- Women In Engineering (WIE)
 - On 2nd November 2024, the 6th IEEE WIE CLS was held in Shanghai, outstanding women gathered to discuss the improvement of female leadership and future development. 2024 IEEE WIE CLS is an international conference hosted by IEEE WIE Beijing Affinity Group, IEEE China Council, IEEE China Representative Office, IEEE PES WIP China Committee, Chinese Society of Image and Graphics Women Science and Technology Workers Committee, Beijing Society of Image and Graphics, and Beijing Society of Image and Graphics Women Science and Technology Workers Committee. The IEEE WIE CLS 2024 aims to bring together leaders, innovators, and experts from various sectors to engage in thoughtful discussions and exchange ideas with the theme of “She-Innovates · Digital Future”, where we spotlight the empowerment of women’s creativity through the digital economy. This is a platform that merges feminine intellect with technological prowess, where every woman can find a stage to unleash her creativity. By sharing the dividends of the digital era, women can advance further in entrepreneurship and innovation, achieving a leap in self-worth. Through keynote speeches, panel discussions, and interactive experiences, we explore the limitless possibilities of women in the digital economy, co-creating a brighter future with global peers.
- Life Member (LM)
 - N/A

B.6 Awards & Recognition Activities

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

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

- Newsletter (name and number of issues in the year)
 - IEEE China Council was not publishing newsletters, but contributes to the R10 newsletter regularly.
- Home Page of the Section (give the URL and how often it is updated)
 - http://www.ieee-beijing.org/page_en.asp?id=219
- Other means of contacts with Section members including social media
 - E-mail/ Tencent Meeting/ Wechat Group

B.8 Industry Relations

- Membership growth and retention
 - N/A
- Activities for/with industrial members
 - Very active with the industry partners, especially the railway industry because of the connection between the railway research lab and the industry partners.

B.9 Humanitarian Technology Activities

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

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)”
 - N/A

PART C - OTHERS

C.1 Special Events

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

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

- Nature of relationship and details of any formal agreement signed
 - N/A
- Details of joint activities
 - Joint workshop with IRSE (Institute of Railway Signalling Engineers) for the railway industry development between the China side and the British side.
- Benefit to IEEE members (for example discounts, access to technical information etc.)
 - With the IRSE web portal, the access to periodically published newsletters, journal can be access on relevant topics.
- Benefit to Section (for example help in membership development, venue facilities, cost saving etc.)
 - The connection between IEEE for technical development research and applications can be bridged with IRSE for railway signalling industry requirements.

C3. Collaboration with other IEEE Sections

- Support extended to neighboring Sections
 - N/A, no liability as the IEEE China council
- Joint activities with any other Section
 - N/A, no liability as the IEEE China council

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

- Support extended for organising technical, educational and professional activities
 - China Council has no subsection, Student and Affinity Group, but support and participate in the following chapters and branches:
 - IEEE Education Beijing Chapter;
 - IEEE WIE Beijing Affinity Group;
 - IEEE Student Branch of China and other organizations
- Joint activities for membership development
 - N/A
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section
 - N/A

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

PART D - GOALS AND PLANS

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

- IEEE China council will continue support IEEE WIE Beijing Affinity group activities. All the relevant activities to promote the IEEE leading role in academy and industry will still be the primary goal for the council mission.
- Annual general meeting, main administrative meeting, China Association for Science and Technology are held periodically to keep the sustainability of the council. Main ongoing events and plans are discussed internally and in certain cases jointly with other associations and organizations.

D.2 Goals and Future Plans

- IEEE China Council will continue hold annual meetings internally and externally with relevant institutes and organizations (IRSE etc.)
- Workshops as WIE Beijing Affinity annually
- Workshops for student branches to provide a platform of information exchange for students in China

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

- With the pandemic situation, more convenient ways to communicate are possible. More activities and online exchange can be arranged to promote IEEE and involving more possible members for students and more.

D.4 Business Plan for Sustainable Growth and Financial Stability.

- N/A