

Region 10 Beijing Section Report

PART A - SECTION SUMMARY

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

- Section Executive Committee Member List

Name	Roll	Email
Ruan Qiuqi	Chair	qqruan@bjtu.edu.cn
Zhou Mengqi	Vice Chair	zhou698@vip.sina.com
An Gaoyun	Secretary/Treasurer	an.gaoyun@gmail.com
Li Hua	Technical Activities Committee Chair	ihua@ict.ac.cn
Zhuo Li	Education Committee Chair	zhuoli@bjut.edu.cn
Hu Yinfu	Membership Development Committee Chair	huyinfu@hotmail.com
Wang Shengjin	Professional Activities Committee Chair	wgsgj@tsinghua.edu.cn
Qiu Xuejun	Humanitarian Technology Activities Committee Chair	xj7628@163.com
Liu Chenglin	Fellows Committee Chair	chenglin.liu@ia.ac.cn
Zhou Mengqi	Conference Committee Chair	zhou698@vip.sina.com
Ni Rongrong	Student Activities Committee Chair	rrni@bjtu.edu.cn
Feng Lishuang	Women in Engineering Committee Chair	fenglishuang@buaa.edu.cn
Feng Jinjun	Industry Committee Chair	fengjj@ieee.org
An Gaoyun	Chapter Coordination Committee Chair	an.gaoyun@gmail.com
An Jianping	Proposal Committee Chair	an@bit.edu.cn
Jia Kebin	Education Accreditation Committee Chair	kebinj@bjut.edu.cn
Liu Yuanan	Awards & Recognition Committee Chair	yuliu@bupt.edu.cn

- Section Highlights

- 1). Development of new members
- 2). Sponsorship of international and national conferences

- Major Events (International, National)

- 1). Totally 17 international conferences have been sponsored or co-sponsored by Beijing section, they are:
 2021 IEEE 13th International Conference on Computer Research and Development
 2021 IEEE the 6th International Conference on Big Data Analytics
 2021 IEEE 10th Data Driven Control and Learning Systems Conference
 2021 IEEE 4th International Electrical and Energy Conference
 2021 IEEE International Conference on Educational Technology
 2021 7th International Conference on Control Science and Systems Engineering
 2021 IEEE International Conference on Sensing, Diagnostics, Prognostics, and Control
 2021 IEEE 4th International Conference on Computer and Communication Engineering Technology
 2021 IEEE 21st International Conference on Communication Technology
 2021 IEEE International Conference on Unmanned Systems
 2021 IEEE 3rd International Conference on Civil Aviation Safety and Information Technology
 The 15th International Conference on Anti-counterfeiting, Security, and Identification
 2021 15th IEEE International Conference on Electronic Measurement & Instruments
 2021 7th IEEE International Conference on Cloud Computing and Intelligence Systems
 2021 IEEE International Conference on Medical Imaging Physics and Engineering
 2021 7th IEEE International Conference on Network Intelligence and Digital Content
 IEEE International Conference on Progress in Informatics and Computing

- Major Chapter Activities

Event Title	Event Date
Active Uncertainty Compensation Based Control : Beijing Section Chapter,CS23	2021/1/10 11:52
Efficient Reinforcement Learning-Based Control of Uncertain Nonlinear Systems : Beijing Section Chapter,CIS11 - Chongqing	2021/1/27 15:00
Communication-efficient and privacy-preserving federated learning : Beijing Section Chapter,CIS11 - Chongqing	2021/1/29 16:00
Online Workshop on Multimedia Forensics and Security : Beijing Section Chapter,BIO46	2021/1/30 19:30
Angle-Based Sensor Network Localization : Beijing Section Chapter,CIS11 - Chongqing	2021/2/4 10:00
A new generation of control theory system based on control + game + network : Beijing Section Chapter,CIS11 - Chongqing	2021/2/6 10:00
The neural network with the dynamic structure: Building a stacked broad learning systems into a depth model : Beijing Section Chapter,CIS11 - Chongqing	2021/2/9 11:00
Dealing with Communication Uncertainty in Network Systems : Beijing Section Chapter,CS23	2021/2/10 11:56
Formation Control for Multi-agent Systems: Introduction, Analysis and Design : Beijing Section Chapter,CIS11 - Chongqing	2021/2/25 10:00
Comments on Machine Learning versus Control Design : Beijing Section Chapter,CIS11 - Chongqing	2021/3/1 10:00
Distributed Optimization Using the Primal-Dual Method of Multipliers : Beijing Section Chapter,CS23	2021/3/10 11:59
Day-ahead Security-constrained Unit Commitment for Integrating Large-scale Distributed Energy Resources into Wholesale Energy Market : Beijing Section Chapter,PE31- Chongqing	2021/3/14 9:00
Hierarchical Decentralized Optimization Architecture for Economic Dispatch: A New Approach for Large-Scale Power System : Beijing Section Chapter,PE31- Chongqing	2021/3/20 10:30
High Efficiency Wireless Communications towards 5G: New Efficiency Enhancement Techniques from Circuit to System : Beijing Section Chapter,AP03	2021/3/31 8:30
Distributed Algorithms with Finite Data Rates that Solve Linear Equations : Beijing Section Chapter,CS23	2021/4/4 10:00
CHINESE CONFERENCE ON BIOMETRIC RECOGNITION, CCBR2020-2021 : Beijing Section Chapter,BIO46	2021/4/8 17:09
Grid Integration of Clean Power and Electrified Transport : Beijing Section Chapter,PE31- Chongqing	2021/4/10 16:30
CEPRI-IEEE PES Electric energy Youth Forum Session One: Discussion on Security Issues and Standards of Lithium Ion Batteries for Energy Storage : Beijing Section Chapter,PE31	2021/4/11 19:00
The 1st 鈥渇 EPRI-IEEE PES Power Energy Youth Forum 鈥 -Discussion on Safety Issues and Standards of Lithium-ion Batteries for Energy Storage : Beijing Section Chapter,PE31	2021/4/11 19:00
The market mechanism of reserve and ramping for renewable energy : Beijing Section Chapter,PE31- Chongqing	2021/4/12 10:00
n-line Optimization: Extremum seeking control and its applications : Beijing Section Chapter,CS23	2021/4/12 12:02
Characteristic Mode Analysis : Beijing Section Chapter,AP03/MTT17 - Chongqing	2021/4/13 19:00
IEEE Beijing Section Education Society Chapter 2021 Committee Meeting : Beijing Section Chapter,E25	2021/4/19 19:00
Operation of integrated intelligent energy system with optimal configuration of wind-solar-storage : Beijing Section Chapter,PE31- Chongqing	2021/4/23 14:30
Optimal dispatch of energy power systems: progress and new problems : Beijing Section Chapter,PE31- Chongqing	2021/4/23 15:30
Linear approximation and dual analysis of optimal power flow : Beijing Section Chapter,PE31- Chongqing	2021/4/23 16:30
5th Lecture of 鈥渇 ingde Forum 鈥 of Electrical Engineering Department in Tsinghua University : Beijing Section Chapter,PE31	2021/4/24 10:00
Reconfigurable Power Divider and Its Applications : Beijing Section Chapter,AP03	2021/4/29 14:30

CLEAN ENERGY TECHNOLOGY DEVELOPMENT UNDER THE DOUBLE CARBON TARGET : Beijing Section Chapter,PE31- Chongqing	2021/5/9 10:00
PES Day Event: Young Professionals and Power and Energy Association : Beijing Section Chapter,PE31	2021/5/9 19:00
Some Control Issues in Automotive Powertrains : Beijing Section Chapter,CS23	2021/5/10 10:30
Redundant Robots in the Operating Room : Beijing Section Chapter,SMC28 - Capital Region	2021/5/18 10:30
Performing Quality Research and Writing Quality papers : Beijing Section Chapter,SMC28 - Capital Region	2021/5/19 9:00
Aerodynamic Flow Control : Beijing Section Chapter,SMC28 - Capital Region	2021/5/19 16:00
Future of Smaller, Faster, More Agile, Yet Safer Aerial Robots: Challenges & Opportunities : Beijing Section Chapter,SMC28 - Capital Region	2021/5/21 15:00
Integrated Multi-Vector Energy Systems : Beijing Section Chapter,PE31- Chongqing	2021/5/22 16:00
CSEE Online Academic Lecture Hall: 鈥 5th Energy Innovation Youth Forum-The Road of Power Transformation and Development under the Dual carbon Goal (Planning Section)鈥 : Beijing Section Chapter,PE31	2021/5/23 14:00
CIEEC 2021 鈥 渚 ower Internet of things 鈥 sub Forum was held in Wuhan : Beijing Section Chapter,PE31	2021/5/28 9:00
The Economics of Low Carbon Energy Driven by Artificial Intelligence : Beijing Section Chapter,PE31- Chongqing	2021/5/30 10:00
Interval Type-2 Fuzzy System and its Applications : Beijing Section Chapter,SMC28 - Capital Region	2021/6/1 15:30
Brain-Computer Interfaces and Non-Invasive Neuro-Modulation : Beijing Section Chapter,SMC28 - Capital Region	2021/6/2 10:00
Advanced Data-Analytics for Smart Grid applications : Beijing Section Chapter,PE31- Chongqing	2021/6/5 10:00
Sustainable Energy Systems : Beijing Section Chapter,PE31- Chongqing	2021/6/12 16:00
Reconstructing antenna architecture and electromagnetic compatibility of 5G System : Beijing Section Chapter,AP03/MTT17 - Chongqing	2021/6/15 9:28
Recent Progress about the Flapping Wing Robots : Beijing Section Chapter,SMC28 - Capital Region	2021/6/16 14:00
Advanced IC Techniques Workshop of SSCS Chongqing Chapter China : Beijing Section Chapter,SSC37- Chongqing	2021/6/17 12:00
Distributed Variable Sample-size Stochastic Optimization with Fixed Step-sizes : Beijing Section Chapter,CS23	2021/6/20 10:34
Characterizing the Attackability of Machine Learning Models against Evasion Attacks : Beijing Section Chapter,SP01/IT12	2021/6/22 9:30
The 2nd 鈥 渚 EPRI-IEEE PES Power Energy Youth Forum 鈥 : Beijing Section Chapter,PE31	2021/6/27 19:00
EMC Antenna Calibration and EMC Chamber Site Validation Experts Answer Questions to Resolve your Problems in EMC Measurements 鈥 Now and in the Future : Coastal Los Angeles Section Chapter, EMC27	2021/6/29 9:00
Intelligent Edge Computing: Security and Privacy Challenges : Beijing Section Chapter,CIS11 Xiamen	2021/7/7 13:30
Trustworthy Biometrics Webinar : Beijing Section Chapter,BIO46	2021/7/8 20:00
Talk about credible data science : Beijing Section Chapter,PE31- Chongqing	2021/7/16 10:30
Some problems on the study of singular distributed parameter systems : Beijing Section Chapter,CS23	2021/7/18 10:39
Tutorial of IEEE Awards, Fellow Application and Resources Center : Beijing Section Chapter,PE31	2021/7/18 19:00
3D Receiver Operating Characteristic Curve Analysis for Performance Evaluation of Target Detection : Beijing Section Chapter,GRS29 - Changsha	2021/7/19 9:00
1st IEEE Beijing Engineering Education Research Forum : Beijing Section Chapter,E25	2021/7/24 9:00
Learning End-to-End 2D-3D Representations for Cross-Modality and Cross-Domain Shape Reconstruction and Processing : Beijing Section Chapter,CIS11 Xiamen	2021/7/28 9:00

Trustworthy Biometrics Webinar : Beijing Section Chapter,BIO46	2021/7/28 15:00
International Workshop on Antenna Technologies in Shenzhen University (2021 IWAT-SZU) : Beijing Section Chapter,AP03 - Shenzhen	2021/7/30 15:00
Non-cooperative Differential Games for MAS : Beijing Section Chapter,CS23	2021/8/15 10:42
CSEE Online Academic Lecture Hall: 6th Energy Innovation Youth Forum-The Road of Power Transformation and Development under the Dual carbon Goal (Technical Section) : Beijing Section Chapter,PE31	2021/8/15 19:00
Lecture on EU Electric Vehicle Technology and Policy : Beijing Section Chapter,PE31	2021/8/19 0:00
The 36th Youth Academic Annual Conference of Chinese Association of Automation : Beijing Section Chapter,SMC28 - Capital Region	2021/8/27 8:00
The 3rd Surface Electromagnetics Workshop : Beijing Section Chapter,AP03	2021/9/1 8:30
IEEE SSCS Chongqing Chapter Inaugural Ceremony : Beijing Section Chapter,SSC37-Chongqing	2021/9/3 9:00
Inauguration Ceremony of IEEE EMBS Chongqing Chapter officiated by President of IEEE EMBS with Keynote on Healthcare Innovations and Entrepreneurship : Beijing Section Chapter,EMB18 - Chongqing	2021/9/3 10:00
IEEE CASS Chongqing Chapter New Board Inauguration Ceremony : Beijing Section Chapter,CAS04 - Chongqing	2021/9/3 10:30
DL Talk - How to Design High-Speed Nano-scale CMOS Mixed-voltage Digital I/O Buffer with Reliable Slew Rate Insensitive to PVTL Variation : Beijing Section Chapter,CAS04 - Chongqing	2021/9/3 11:00
2021 International Forum on Electronized Future Energy Systems : Beijing Section Chapter,PEL35	2021/9/4 8:30
International Forum on Power Electronic Future Energy System : Beijing Section Chapter,PE31	2021/9/4 9:00
An Introduction to T-S Fuzzy-Model-Based Control : Beijing Section Chapter,SMC28 - Capital Region	2021/9/15 10:00
High Efficiency Buffering for the Wireless Networks based on Social Network Recommendations : Beijing Section Chapter,BT02	2021/9/16 15:00
Adaptive Control of Dynamic Systems with Quantization : Beijing Section Chapter,SMC28 - Capital Region	2021/9/17 16:00
The 3rd 欸涓 EPRI-IEEE PES Power Energy Youth Forum 欸 : Beijing Section Chapter,PE31	2021/9/19 19:00
Topics in Linear Control Systems : Beijing Section Chapter,CS23	2021/9/20 10:47
2021 IEEE International Standards Exchange Seminar : Beijing Section Chapter,PE31	2021/9/23 0:00
Microcomb-Based Ultra-fast Signal Processing : Beijing Section Chapter,AP03	2021/9/23 8:30
Density Control for Large-Scale Stochastic Systems : Beijing Section Chapter,SMC28 - Capital Region	2021/9/24 10:00
Spectral Unmixing and Variability of The Endmembers : Beijing Section Chapter,GRS29 - Changsha	2021/9/24 16:00
Advanced Technologies and Applications in Computer Vision : Beijing Section Joint Chapter,SP01/C16	2021/9/27 14:00
Make large-scale distributed deep learning more convenient : Beijing Section Chapter,SP01/IT12	2021/9/28 14:00
About Transfer learning : Beijing Section Chapter,C16	2021/9/28 14:00
2ND IEEE CASS-EDS-SSCS WUHAN JOINT CHAPTER AND IEEE CASS-EDS-SSCS HUST STUDENT BRANCH JOINT COMMITTEE MEETING : Wuhan Section Jt. Chapter,CAS04/ED15/SSC37	2021/10/4 10:00
Recent Advances in Magnetic Particle Imaging : Beijing Section Chapter,EMB18	2021/10/10 9:00
About innovation : Beijing Section Chapter,C16	2021/10/14 19:00
CSEE Online Academic Lecture Hall: 7th Energy Innovation Youth Forum-Power System Security and Defense under Extreme Weather and Natural Disasters : Beijing Section Chapter,PE31	2021/10/17 19:00
The Inaugural Meeting of IEEE PES Power System Dynamics Technical Committee (China) : Beijing Section Chapter,PE31	2021/10/22 9:00

Mr. Tiezhu Wang of CEPRI won the 2021 IEEE PES China Outstanding Young Talent Award : Beijing Section Chapter,PE31	2021/10/22 9:00
CSEE JPES Forum-Hydrogen Production from Renewable Energy and Electricity-gas Integrated Energy System : Beijing Section Chapter,PE31	2021/10/22 14:00
CSEE JPES Forum-Key Technologies of New-Type Power System Construction : Beijing Section Chapter,PE31	2021/10/24 14:00
The 27th national EMC conference : Beijing Section Chapter,EMC27	2021/10/29 9:30
The Frontier Forum EMC : Beijing Section Chapter,EMC27	2021/10/29 19:00
Future Energy and Electrical Power Systems - Are We Ready for the Change? : Beijing Section Chapter,PE31- Chongqing	2021/10/30 20:00
The 4th Engineering Doctoral Forum : Beijing Section Chapter,PE31	2021/10/31 9:00
Symposium Name: Artificial intelligence Talent Training Forum : Beijing Section Joint Chapter,SP01/C16	2021/10/31 8:30
CSEE Online Academic Lecture Hall: 8th Energy Innovation Youth Forum-Challenges and Development of Relay Protection under Dual Carbon Goal : Beijing Section Chapter,PE31	2021/10/31 19:00
Transitions of Future Energy Systems Towards Carbon Neutrality : Beijing Section Chapter,PE31- Chongqing	2021/11/6 16:00
2021 New Power System Technology Subforum : Beijing Section Chapter,PE31	2021/11/9 13:00
The channel modeling for the visible light communications based on reflection : Beijing Section Chapter,BT02	2021/11/11 15:00
Energy storage operations and planning for renewable energy uptake : Beijing Section Chapter,PE31- Chongqing	2021/11/12 19:00
2021 IEEE Beijing WIE Leadership Summit : Beijing Section Chapter,PE31	2021/11/19 9:00
Panel 鑄歐 IE in Engineering Education : Beijing Section Chapter,E25	2021/11/19 17:30
Flexible operation strategy of power system under new energy mode : Beijing Section Chapter,PE31- Chongqing	2021/11/20 10:00
Roundtable Forum on 鈥瀛emale Scientists help Power Energy Green and Low-carbon Transformation and Development 鈥瀛 : Beijing Section Chapter,PE31	2021/11/20 10:45
IEEE PES China 10th Power & Energy Cloud Forum : Beijing Section Chapter,PE31	2021/11/21 19:00
CSEE JPES Forum - 鈥瀛ydrogen Integration and in Smart Grid and Energy Internet 鈥瀛 : Beijing Section Chapter,PE31	2021/11/24 14:00
2021 China EU Energy Technology Innovation Cooperation and Energy Storage Exchange Forum : Beijing Section Chapter,PE31	2021/11/25 14:00
2021 IEEE International Conference on Computing, Communications & IoT Applications : Beijing Section Chapter,AP03 - Shenzhen	2021/11/26 15:00
CSEE Online Academic Lecture Hall: 9th Energy Innovation Youth Forum-Development and Discussion on New Technology of High Proportion Power Electronic Power Grid under the Background of 鈥瀛ouble Carbon Goal 鈥瀛 : Beijing Section Chapter,PE31	2021/11/28 19:00
Learning Smart Meter Data for Distribution Grid Modeling and Observability Enhancement : Beijing Section Chapter,PE31- Chongqing	2021/11/30 10:00
The 4th 鈥瀛EPR-IEEE PES Power Energy Youth Forum 鈥瀛 : Beijing Section Chapter,PE31	2021/12/5 19:00
CSEE JPES Forum-鈥瀛ower Electronics Dominated Urban Energy Systems toward Low Carbon Society 鈥瀛 : Beijing Section Chapter,PE31	2021/12/9 14:00
Applications of Polynomial Chaos Expansion-based Methods in Power System Probabilistic Security Assessment : Beijing Section Chapter,PE31- Chongqing	2021/12/11 9:00
IEEE CIS Beijing Chapter first meeting of 2021 : Beijing Section Chapter,CIS11	2021/12/17 15:00
Synchronized Waveforms - A Frontier of Data-Based Power System and Apparatus Monitoring, Protection, and Control : Beijing Section Chapter,PE31- Chongqing	2021/12/18 10:00
Preparation meeting of 28th national EMC conference : Beijing Section Chapter,EMC27	2021/12/21 10:00
Evaluation of Science: Analysis Tools for Evaluating Science : Beijing Section Joint Chapter,SMC28/RA24	2021/12/22 15:00

Intelligent Control Design and Artificial Intelligence in Medical Robotics : Beijing Section Joint Chapter,SMC28/RA24	2021/12/22 16:00
Privacy Control for Dynamical Systems with Intelligent Adversaries : Beijing Section Joint Chapter,SMC28/RA24	2021/12/22 17:00
Several Crucial Issues in NN based Control Design : Beijing Section Chapter,CIS11	2021/12/26 10:00

- Major Student and Affinity Group Activities

Event Title	Event Date
Power Integrity for Data Center : Webinar with Huawei Technology Co. : Tsinghua University,PEL35	2021/1/8 14:30
Intelligent Reflecting Surfaces for 6G Mobile Communications : Beijing Section Affinity Group,YP	2021/1/8 10:30
A Brief Comment on the Scientific Approach : Huazhong Univ Of Science And Tech,PHO36	2021/3/15 8:30
1st IEEE CASS-EDS-SSCS Wuhan Joint Chapter and IEEE CASS-EDS-SSCS HUST Student Branch Joint Committee Meeting : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/3/18 10:00
The introduction of the ALD : Huazhong Univ Of Science And Tech,PHO36	2021/4/5 10:00
Low latency data center network : Beijing Section Affinity Group,YP	2021/4/7 12:00
Report and discussion on lithium batteries : Tsinghua University,EP21	2021/4/15 19:00
MIMO-OFDM Wireless signal sensing : Beijing Section Affinity Group,YP	2021/4/21 12:00
Bernhard Wicht's virtual DL talk hosted by Beijing Chapter : Tsinghua University,SSC37	2021/5/11 16:00
Alvin Loke's virtual DL talk hosted by Beijing Chapter : Tsinghua University,SSC37	2021/5/19 9:30
Makoto Nagata's virtual DL talk hosted by Beijing Chapter : Tsinghua University,SSC37	2021/5/25 13:00
Nano-display based on the Deep Combination of Metasurface and Optical Materials : Tianjin University,PHO36	2021/5/28 14:00
BJTU "Dialogue with Great Masters" Forum : Beijing Jiaotong University,PE31	2021/6/7 14:10
Gert Cauwenberghs's virtual DL talk hosted by Beijing Chapter : Tsinghua University,SSC37	2021/6/10 9:00
Jaehyouk Choi's virtual DL talk hosted by Beijing Chapter : Tsinghua University,SSC37	2021/6/22 10:00
Medical and Electronics Seminar -- Brain Science : Tsinghua University,SSC37	2021/6/25 13:00
IEEE CASS-EDS-SSCS HUST Student Branch Chapter & IEEE CASS-EDS-SSCS Wuhan Joint Chapter Joint Technical Seminar No.1: 鈥愨愨 energy-efficient DNN Hardware Accelerator with On-chip Learning 鈥愨愨 A Deep Belief Network Processor Case 鈥愨愨 : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/7/7 19:00
Celebration the graduation of the 2020 graduate : Peking University Shenzhen Graduate School,PHO36	2021/8/9 20:30
The 5th International Symposium on the Future of Renewable Energy : Beijing Jiaotong University,PE31	2021/9/9 9:00
Invited Talk: "Image, Imaging, Imagine, Imagination New Challenges in Medical Imaging Situation and Perspectives" : Shenzhen Institutes of Advanced Technology,UFFC20	2021/9/24 15:00
2nd IEEE CASS-EDS-SSCS Wuhan Joint Chapter and IEEE CASS-EDS-SSCS HUST Student Branch Joint Committee Meeting : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/10/4 10:00
IEEE CASS-EDS-SSCS HUST Student Branch Chapter & IEEE CASS-EDS-SSCS Wuhan Joint Chapter Joint Technical Seminar No.2 : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/10/5 14:00
IEEE CASS-EDS-SSCS HUST STUDENT BRANCH CHAPTER & IEEE CASS-EDS-SSCS WUHAN JOINT CHAPTER JOINT on-site recruitment event with IEEE publicity and project demos in the School of Optical and Electronic Information Building : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/10/5 14:00

IEEE CASS-EDS-SSCS HUST Student Branch Chapter & IEEE CASS-EDS-SSCS Wuhan Joint Chapter Joint member recruitment roadshow in the HUST campus : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/10/9 8:00
Millimeter-scale chip-based supercontinuum generation for optical coherence tomography : Tianjin University,PHO36	2021/10/15 14:00
IEEE CASS-EDS-SSCS HUST Student Branch Chapter & IEEE CASS-EDS-SSCS Wuhan Joint Chapter Joint Technical Seminar No.3 : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/10/28 10:00
IEEE CASS-EDS-SSCS HUST Student Branch Chapter & IEEE CASS-EDS-SSCS Wuhan Joint Chapter Joint Outreach visit to IEEE CASS SJTU Student Branch : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/11/13 9:00
Report and discussion on thermoelectrics : Tsinghua University,EP21	2021/11/25 19:00
NIR 鈥-responsive photon upconversion through energy migration in an ytterbium sublattice : Tianjin University,PHO36	2021/12/17 14:00
Symposium on 鈥dvances in Biomedical Ultrasonic Technologies 鈥: Shenzhen Institutes of Advanced Technology,UFFC20	2021/12/22 9:30
IEEE CASS-EDS-SSCS HUST Student Branch Chapter & IEEE CASS-EDS-SSCS Wuhan Joint Chapter Joint Technical Seminar No.4 : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/12/22 20:00
IEEE CASS-EDS-SSCS HUST Student Branch Chapter & IEEE CASS-EDS-SSCS Wuhan Joint Chapter Joint Social Event 鈥ycling and BBQ in the East Lake Park of Wuhan 鈥: Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/12/23 13:30
IEEE CASS-EDS-SSCS HUST Student Branch Chapter & IEEE CASS-EDS-SSCS Wuhan Joint Chapter Joint Technical Seminar No.5&6 : Huazhong Univ Of Science And Tech,CAS04/SSC37/ED15	2021/12/24 14:30

- Awards

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

- Summary (as per submitted on NetSuite)
Please refer to that submitted in the NextGen System.
- Any other financial activities

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
14056
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
To propagate IEEE, Beijing Section organized more activity than those in 2021, including 17 international conferences sponsored or co-sponsored by section, 121 technical report organized by chapters and 33 activities organized by Student and Affinity Group.

B.2 Chapter Activities

- Total number of Chapters in the Section
36
- Number of Chapters formed in the current year
0
- Number of active Chapters (Chapters who have reported required number of meetings during the year)
26
- Summary of Chapter activities (Chapter wise with attachment table/information)

As attached above.

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
14
- Number of Student Branches formed in the current year
0
- Section level student activities (student congress, paper and other contests, awards etc)
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)
9
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
As attached above.

B.5 Affinity Group Activities

- Young Professional (YP)

Event Title	Event Date
Intelligent Reflecting Surfaces for 6G Mobile Communications : Beijing Section Affinity Group,YP	2021/1/8 10:30
Low latency data center network : Beijing Section Affinity Group,YP	2021/4/7 12:00
MIMO-OFDM Wireless signal sensing : Beijing Section Affinity Group,YP	2021/4/21 12:00

- Women In Engineering (WIE)
- Life Member (LM)

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

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

- Newsletter (name and number of issues in the year)
- Home Page of the Section (give the URL and how often it is updated)
<http://iecc-beijing.org>
- Other means of contacts with Section members including social media

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)”

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
- 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.)

C.3 Collaboration with other IEEE Sections

- Support extended to neighboring Sections
- 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
- 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

PART D - GOALS AND PLANS

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

D.2 Goals and Future Plans

Our goal is to develop section members smoothly up to 15,000 in the near future and serves our members better by more academic activities, including conferences, workshops, seminars, visit exchanges etc.

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

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