

IEEE Tainan Section

PART A - SECTION SUMMARY

A.1. Executive Summary

A.1.1. Section Executive Committee Member List

Chair: Kuo-Sheng Cheng, kscheng@mail.ncku.edu.tw
 Vice Chair (Deputy): Chung-Ho Chen, chchen@mail.ncku.edu.tw
 Vice Chair (Technical Activities): Gwo-Giun Lee, clee@mail.ncku.edu.tw
 Vice Chair (Conferences): Shu-Mei Guo, guosm@mail.ncku.edu.tw
 Vice Chair (Industry): Jiann-Fuh Chen, chenjf@mail.ncku.edu.tw
 Secretary: Chin-Lung Yang, cyang@mail.ncku.edu.tw
 Treasurer: Ya-Hsin Hsueh, hsuehyh@yuntech.edu.tw
 Co-Treasurer: Grace Cheng, em61209@email.ncku.edu.tw
 Professional Activities: Sun-Yuan Hsieh, hsieshy@mail.ncku.edu.tw
 Membership Development: Lih-Yih Chiou, lihyih@mail.ncku.edu.tw
 Student Activities: Che-Wei Lin, lincw@mail.ncku.edu.tw
 Educational Activities: Peng-Ting Chen, chen@mail.ncku.edu.tw
 Industrial Activities (PR): Tai-Ping Wang, taiping.wang@gmail.com
 Newsletter Editor: Che-Wei Lin, lincw@mail.ncku.edu.tw
 Awards & Recognition Committee Chair: Tsorng-Juu Liang, tjliang@mail.ncku.edu.tw
 Nominations and Appointments Chair: Kuen-Jong Lee, kjlee@mail.ncku.edu.tw

A.1.2. Section Highlights

In the year of 2018, Tainan Section held 1 annual meeting, and 13 administrative meetings. Further, Tainan Section provided supports to our affiliated chapters in organizing their professional related activities. In total, there were 86 technical activities held by our chapters in the year of 2018

A.1.3. Major Events

In the year of 2018, Tainan Section kept putting high efforts in institutionalization of our section administrative and also financial operation process with anticipation of sustainability. Cooperating with the Engineering and Technology Promotion Center, MOST, we aimed to design our section operation procedure in being seamless and without any idling period in between two section chair's transfer. A new chapter was found in Tainan Section, the Sensor Council Chapter Tainan Chapter. Further, the section provided banking and accounting supports to the conferences held by our chapters and members.

Several main technical activities are listed in the followings. 11 keynote speakers were invited to 11 technical activity distinguished lectures:

1. Chin-Lung Yang,
2018/3/15, Design and Applications of Wireless Power Transfer Technologies
2. Sky Yu,
2018/4/26, RADAR Technologies and Applications
3. Yao-Wen Peter Hong,
2018/5/25, Wireless Communications and Networks
4. Chao-Yu Chen,
2018/5/30, Game Based on Error Correcting Codes: hat color problem
5. Thung-Hong Lin,
2018/9/20, Self-Powered Healthcare Sensing System for Humidity, Sweat, and Gait Phase Detection
6. Pai-Chi Li,
2018/9/27, Shear Wave Elasticity Imaging for Preclinical Research
7. Kuo-Sheng Cheng,
2018/10/3, Principles and Applications of Bioimpedance Technology
8. I-Son Ng,
2018/10/11, An Advanced Biotechnology Tool: CRISPR/CAS9 Gene Editing
9. Tzong-Rong Ger,
2018/10/18, Magnetic Bio-MEMS Technology for Microfluidic Application
10. Tien- Yu Huang,
2018/10/18, Non-contact Sensing of Laboratory Animal's Vital Sign Activities Using a 60-GHz Radar

11. Tai-Horng Young
2018/11/15, Cell Therapy for CL1

A.1.4. Awards

2018 was the 8th IEEE Tainan Section Annual Awards which consists of 8 different awards. Following winners were selected from 33 nominees after thorough review by 1 Awards Chair and 6 reviewers.

Best Master Thesis Award - Shing-Wei Wu and Liang-Yu Chen

Best Ph.D. Thesis Award - Po-Hsun Chen

Best Young Professional Member Award - Guo-En Chang, Min-Chun Hu and Tong-Yu Hsieh

Outstanding Technical Achievement Award - Chua-Chin Wang and Chih-Lung Lin

Best Service Award - Sun-Yuan Hsieh No award given

IEEE Tainan Section Macronix Award - No award given

IEEE Tainan Section Himax Award - Kuang-Wei Cheng

IEEE Tainan Section Delta Award - No award given

A.2. Financial Report

Tainan Section supported all programs and activities at both the section and chapter levels in 2018. To encourage and promote student activities, Tainan Section provided budget for supporting Conferences. In 2018, the income was TWD 687,070 and the expense was TWD 736,900. Thus the final balance is TWD 3,126,325 as of December 31, 2018.

PART B - ORGANIZATIONAL ACTIVITIES

B.1. Membership Development Activities

B.1.1. Total number of active members in the past 3 years:

Grade	2016	2017	% Change	2018	% Change
Life Fellow	2	3	50.00%	4	33.33%
Fellow	16	16	0.00%	16	0.00%
Life Senior	-	-	-	1	-
Life Member	1	1	0.00%	1	0.00%
Senior Member	112	116	3.57%	116	0.00%
Member	531	522	-1.69%	485	-7.09%
Associate Member	12	19	58.33%	12	-36.84%
Affiliate	20	17	-15.00%	12	-29.41%
Graduate/Student	173	174	0.58%	192	10.34%
Individual	-	-	-	1	-
TOTAL	867	868	0.12%	840	-3.23%

B.1.2. Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members

Recruiting new student member is one of the main focus of Tainan Section. We provided subsidies for the student member first year with half membership fee and supported selected student in attending international conference.

Besides, we opened all the activities held by the section or chapters to non-member participants under the consideration of letting more people know IEEE by providing information on new technologies in every specialized research area. In 2018, we had 1,738 members and 7,659 nonmembers who participated in Tainan Section's activities.

B.2. Chapter Activities

B.2.1. Total number of Chapters and Affinity Groups in the Section

Currently there are 15 Chapters, 1 Council Chapter, 2 Affinity Groups, and 2 Student Branches in the Tainan Section. The detailed information is as follows:

1. Antennas and Propagation Society Tainan Chapter / Shu-Chuan Chen
2. Broadcast Technology Society Tainan Chapter / Chih-Peng Li
3. Computer Society Tainan Chapter / Pao-Ann Hsiung
4. Circuits and Systems Society Tainan Chapter / Kuang-Wei Cheng
5. Computational Intelligence Society Tainan Chapter / Hung-Yu Kao
6. Communications Society Tainan Chapter / Wern-Ho Sheen
7. Electron Devices Society Tainan Chapter / Wen-Kuan Yeh
8. Engineering in Medicine and Biology Society Tainan Chapter / Kuo-Sheng Cheng
9. IEEE Young Professionals Tainan Chapter / Ing-Chao Lin
10. Information Theory Society Tainan Chapter / Trieu-Kien Truong
11. Microwave Theory and Techniques Society Tainan Chapter / Chin-Lung Yang
12. Nanotechnology Council Tainan Chapter / Yu-Cheng Lin
13. Systems, Man, Cybernetics Tainan Chapter / Po-Hsun Cheng
14. Signal Processing Society Tainan Chapter / Chia-Hung Yeh
15. Solid-State Circuit Society Tainan Chapter / Tsung-Heng Tsai
16. Vehicular Technology Society Tainan Chapter / Meng-Hsun Tsai
17. Women in Engineering Tainan Chapter / Shu-Mei Guo
18. Sensors Council Chapter Tainan Chapter / Teen-Hang Meen
19. National Cheng Kung University Student Branch / Shih-En Chen
20. National Sun Yat-sen University Student Branch / Che-Wei Lin

B.2.2. Chapter Activities

Chapter Name	Administrative	Nontechnical	Technical	Professional	Sub-Total
Tainan Section	13		1		14
BT02			13		13
C16			6		6
CAS04	1		8	1	10
CIS11			4		4
COM19			8		8
ED15			1	2	3
EMB18	2		6		8
IT21			2		2
MTT17			5	1	6
NANO42			4		4
SEN39			6		6
SMC28			3	4	7
SP01		1	3	1	5
SSC37		1	2		3
VT06			3		3
Women in Engineering			9		9
Young Professionals		2	2	2	6
Total	16	4	86	11	117

#	Meeting Title	Meeting Date	Total	Member	Non-Member	Event Category
Section						
1	Regular meeting	2018/1/29	17	3	14	Administrative
2	Regular meeting	2018/3/30	17	3	14	Administrative
3	Regular meeting	2018/4/30	17	3	14	Administrative
4	Meeting of Director & Supervisor	2018/5/18	23	19	4	Administrative
5	Regular meeting	2018/5/30	17	3	14	Administrative
6	Regular meeting	2018/6/29	17	3	14	Administrative
7	Regular meeting	2018/7/27	17	3	14	Administrative
8	Regular meeting	2018/8/23	17	3	14	Administrative
9	Regular meeting	2018/10/1	17	3	14	Administrative
10	Meeting of Director & Supervisor	2018/10/4	24	19	5	Administrative
11	Regular meeting	2018/10/29	17	3	14	Administrative
12	Regular meeting	2018/11/26	17	3	14	Administrative
13	Annual meeting	2018/11/30	76	70	6	Technical
14	Regular meeting	2018/12/24	17	3	14	Administrative

BT02						
1	Source and Relay Precoding for Full-Duplex MIMO Relaying with a Wireless-Powered Destination	2018/3/20	140	20	120	Technical
2	Introduction to 3GPP NR Polar Codes: from Theory to Practice	2018/3/27	140	20	120	Technical
3	Eye of Space - Uncovering the face of environmental change	2018/4/3	140	20	120	Technical
4	Orchestra Management and Academic Research - My Balanced Life	2018/4/17	140	20	120	Technical
5	Next generation of computation	2018/4/20	140	20	120	Technical
6	User Selection and Decoding Precedence for Uplink Multi-User MIMO	2018/4/24	140	20	120	Technical
7	Workplace soft power - What really matters and Why?	2018/5/1	140	20	120	Technical
8	Frequency Estimation Method and Application of New Subspace	2018/5/22	140	20	120	Technical
9	Channel modeling and measurement for underwater communications	2018/7/27	140	20	120	Technical
10	Evolutionary Multiobjective Optimization and Its Applications to System Designs	2018/9/25	140	20	120	Technical
11	Non-Orthogonal Multiple Access Techniques for Downlink Wireless Communications	2018/10/9	140	20	120	Technical
12	Introduction to reinforcement learning and its applications	2018/10/16	140	20	120	Technical
13	Maximum Likelihood and Soft Input Soft Output MIMO Detection at a Reduced Complexity	2018/10/30	130	10	120	Technical
C16						
1	Bamboo Garden Trimming Problem	2018/2/6	105	5	100	Technical
2	Efficient Meta-Algorithms for Preferential Attachment Graphs	2018/2/23	105	5	100	Technical
3	Approximate Processing: Opportunistic Computing and Control Coding	2018/8/27	80	5	75	Technical
4	Bio-Inspired/Nano IC Design: there is Room in the Middle !!!!!	2018/8/28	80	5	75	Technical
5	What Do You Care About AI/IOT and Future IC Products?	2018/10/19	205	5	200	Technical
6	Electronics in Nature Journals	2018/11/12	205	5	200	Technical

CAS04						
1	Latest Developments of CMOS Single-Photon Avalanche Diodes - The New Applications & Challenges	2018/2/6	32	15	17	Technical
2	Device and Design of Magnetic Random Access Memory	2018/5/3	35	14	21	Technical
3	Design Trade-Offs in Digital Intensive PLLs	2018/6/12	43	17	26	Technical
4	2018 IEEE/ACM International Workshop & Seasonal School on Physical Design Automation	2018/7/16	124	4	120	Technical
5	Synchronization of Two Different Hierarchical Networks of Chaotic Circuits & 2018 Regional Activities in IEEE CAS Society	2018/7/31	42	17	25	Technical
6	IEEE SSCS/CASS Annual Member Meeting	2018/8/8	31	31	0	Administrative
7	Single-inductor multiple output (SIMO) DC-DC converters	2018/9/27	63	25	38	Technical
8	Minimum Energy Operation of Voltage-Scaled Circuits	2018/11/5	26	10	16	Technical
9	Hardware Security: Challenges and Research Opportunities	2018/11/29	70	20	50	Technical
10	2018-2019 CASS Student Design Competition - 1st Phase (Tainan Chapter)	2018/12/7	9	8	1	Professional
CIS11						
1	Organize a speech on transfer learning in visual classification	2018/3/15	55	5	50	Technical
2	AI Forum 2018	2018/5/4	350	50	300	Technical
3	Organize a speech on Deep Learning in NLP	2018/5/17	55	5	50	Technical
4	2018 IEEE CIS Summer School on Computational Intelligence for Human and Machine Co-learning	2018/8/21	130	30	100	Technical
COM19						
1	2018 National Symposium on Telecommunication & 2018 Spring Workshop on Information Theory and Communications	2018/1/25	310	300	10	Technical
2	Wireless Antenna on Chip IC	2018/3/16				Technical
3	RF Circuit Design for Terminal Mobile Devices	2018/3/23				Technical
4	Technical Speech - OTA & FCC	2018/4/28				Technical
5	Technical speech-4G 5G Wireless Communication	2018/5/19				Technical
6	2018 IAET Fall Seminar	2018/9/7				Technical
7	RF & Microwave Fundamentals and Cable Measurement	2018/9/28				Technical
8	Technical Speech- 5G introduction and Applications	2018/10/6				Technical

ED15						
1	25th International Symposium on Nano Device technology (SNDT 2018)	2018/4/20	95	17	78	Professional
2	DISTRIGUSTED LECTURE for CAPACITOR-LESS RERAM-BASES STOCKHASTIC NEURONS FOR IN-MEMORY SPIKING NEURAL NETWORK	2018/7/2	49	6	43	Technical
3	IEEE Distinguished Lecturer Program	2018/8/30	64	10	54	Professional
EMB18						
1	Invited speech: Self-Powered Healthcare Sensing System for Humidity, Sweat, and Gait Phase Detection	2018/9/20	101	5	96	Technical
2	Invited Speech: Shear Wave Elasticity Imaging for Preclinical Research	2018/9/27	96	6	90	Technical
3	Invited speech: Principles and Applications of Bioimpedance Technology	2018/10/3	35	3	32	Technical
4	Invited Speech: An advanced biotechnology tool: CRISPR/Cas9 gene editing	2018/10/11	90	4	86	Technical
5	Invited Speech: Magnetic Bio-MEMS Technology for Microfluidic Application	2018/10/18	93	8	85	Technical
6	Invited speech: Cell Therapy for CL1	2018/11/15	94	5	89	Technical
7	IEEE EMBS Tainan Chapter Annual Meeting	2018/11/30	11	8	3	Administrative
8	Administration meeting	2018/12/2	5	5	0	Administrative
IT21						
1	Invited Speech - Wireless Communications and Networks	2018/5/25	52	4	48	Technical
2	Invited Speech - Game Based on Error Correcting Codes: hat color problem	2018/5/30	47	5	42	Technical
MTT17						
1	Invited Talk - Invite Talk Design and Applications of Wireless Power Transfer Technologies	2018/3/15	70	10	60	Technical
2	Industrial Outreach and Speech Genuine persistence & Fortunate entrepreneurial venture	2018/4/21	48	8	40	Technical
3	Invited Talk - RADAR Technologies and Applications	2018/4/26	80	10	70	Technical
4	Industrial Outreach and Speech–Gap Between Graduate School and Industrial Aspects	2018/7/23	33	8	25	Professional
5	Invited Talk - Non-contact Sensing of Laboratory Animal's Vital Sign Activities Using a 60-GHz Radar	2018/10/18	80	10	70	Technical
6	Student Outreaching	2018/11/11	33	8	25	Technical

NANO42						
1	Smart and Connected Communities:A Perspective on International, Multidisciplinary Collaborations	2018/1/31	100	10	90	Technical
2	Improved Piezoelectric Energy Harvesting by Structure Re-design and Nonlinear Force	2018/4/26	100	10	90	Technical
3	MEMS Resoswitches for RF Sensing & Inertial Applications	2018/5/31	100	10	90	Technical
SEN39						
1	2018 Eurasian Conference on Educational Innovation (ECEI 2018)	2018/1/26	85	5	80	Technical
2	IEEE International Conference on Applied System Innovation 2018 (IEEE ICASI 2018)	2018/4/13	710	100	610	Technical
3	1st IEEE International Conference on Knowledge Innovation and Invention 2018 (IEEE ICKII 2018)	2018/7/23	133	23	110	Technical
4	2018 IEEE International Conference on Information, Communication and Engineering (IEEE ICICE 2018)	2018/9/28	56	6	50	Technical
5	2018 IEEE International Conference on Advanced Manufacturing (IEEE ICAM 2018)	2018/11/16	180	30	150	Technical
6	2018 International Conference on Unmanned System Applications- Agriculture, Ecosystem& Environment (2018 ICUSA- AEE)	2018/11/16	54	4	50	Technical
SMC28						
1	Information Hiding Introduction And Research Experience Sharing	2018/4/18	26	1	25	Technical
2	The future of Quantum Computing	2018/4/19	26	1	25	Technical
3	BAIC (Big Data 、 AI 、 IoT 、 Cloud) innovation conference	2018/4/26	37	1	36	Professional
4	Introduction to Deep Brain Stimulation Interface Circuits	2018/5/2	30	1	29	Professional
5	Robotic techiques and applications	2018/5/24	40	2	38	Professional
6	The Industrial applications of AI and Machine Learning on Fin-tech	2018/6/1	52	1	51	Technical
7	Deep Retrieval: Learning Feature Representations for Image Search	2018/6/14	47	1	46	Professional
SP01						
1	AI Multimedia Forum	2018/1/23	32	14	18	Technical
2	IEEE Signal Processing Society Tainan Chapter Membership Conference	2018/1/23	14	14	0	Nontechnical
3	Electromagnetics Workshop-A Bridge to the Future	2018/1/29	260	60	200	Technical
4	Keynote Speech	2018/3/26	95	11	84	Technical
5	Co-Host Consumer Electronic Forum	2018/6/30	136	34	102	Professional
SSC37						
1	Annual member meeting	2018/8/8	33	33	0	Nontechnical
2	Technical Talk	2018/9/27	61	56	5	Technical
3	DL Talk: Energy-Efficient Inverter-Based Amplifiers	2018/11/8	25	17	8	Technical

VT06						
1	Distributed Estimation in Energy Harvesting Wireless Sensor Networks ??Sensor Deployment and Wireless Charging Problems	2018/1/5	154	4	150	Technical
2	Towards Secure Big Data Computing	2018/6/4	153	3	150	Technical
3	Signal-Centric Predictive Medium Access Control for M2M Communications and Optimal Power Control for NOMA Wireless Relay Networks	2018/6/22	153	3	150	Technical
WOMEN IN ENGINEERING						
1	IEEE WIE Tainan Meeting	2018/1/21	35	15	20	Technical
2	Ada Workshop	2018/3/8	61	6	55	Technical
3	VR system development workshop	2018/3/10	48	8	40	Technical
4	Story Telling Workshop	2018/3/28	46	6	40	Technical
5	Workshop	2018/4/13	120	15	105	Technical
6	Toward Haptic Virtual Reality Workshop	2018/4/19	46	6	40	Technical
7	User Research in HCI Workshop	2018/4/28	41	5	36	Technical
8	ECMAScript/Rust Programming Language Workshop	2018/5/3	114	12	102	Technical
9	Intelligent Computer Vision with Deep Learning Workshop	2018/11/2	123	18	105	Technical
YOUNG PROFESSIONALS						
1	DuraCache: A Durable SSD Cache Using MLC NAND Flash	2018/3/30				Technical
2	Cross-Border Cooperation And Innovative Intellect Entrepreneurship Forum	2018/4/30	110	20	90	Nontechnical
3	Introduction to electromagnetic signal measurement method and instrument	2018/6/13				Technical
4	Slash Doctor, Traditional To Innovation!	2018/10/8	100	20	80	Nontechnical
5	Innovation And Startup Competition For Intelligent Life Workshop	2018/10/17	110	20	90	Professional
6	2018 Innovation And Startup Competition For Intelligent Life	2018/10/24	100	20	80	Professional

B.3. Professional and Continuing Education Activities

N/A

B.4. Students Activities

B.4.1 Total number of Student branches in the Section

There two Student Branches in Tainan Section:

- National Cheng Kung University Student Branch (est. 2005)
- National Sun Yat-sen University Student Branch (est. 2006)

Student activities held in 2018 for student members are listed in B.4.3.

B.4.2 Section level student activities (student congress, paper and other contests, awards etc)

Tainan Section grants annual awards to encourage and recognize our members for their achievements in research. One awards are dedicated specifically to our student member:

- Best Master Thesis Award

In the year of 2018, graduated student members, Shing-Wei Wu and Liang-Yu Chen, were awarded in the 2018 IEEE Tainan Section Annual Meeting.

B.4.3 Summary of Student branch activities student branch wise with attachment table / information

1. National Cheng Kung University Student Branch

N/A

2. National Sun Yat-sen University Student Branch

N/A

B.5 Communication Activities

Home Page of the section : <http://ewh.ieee.org/r10/tainan/>

Other means of contacts with section members: The mostly used means of contacts with our affiliated chapters or members are email and phone. Information about IEEE, conferences, or activates held by our chapters are announced via emails.

PART C - GOALS AND PLANS

C.1 Continuation of Project/Activity in Progress and Their Implementation Plans

C.2 Goals and Future Plans

In the year of 2019, IEEE Tainan Section will further promote globalization and will continue

- To encourage the establishment of new society chapters.
- To provide assistance to members of the Tainan Section in their IEEE career.
- To encourage and assist members participating in IEEE activities and award applications.
- To provide support to Student Branches.
- Dissemination of knowledge in the broader fields of Electrical and Electronics Engineering through organizing of technical talk, seminars, conferences, symposiums, workshops, tutorials, etc.
- To activate the connections and cooperations with the industry.

The following activities and plans will be initiated by our chapters in 2019.

- Antennas and Propagation Society Tainan Chapter
 - (1) Attend 2018 ISAP and ISC Meeting
 - (2) Host 2018 Annual Membership Meeting
 - (3) Be 2019 IAET Seminar Technical Sponsor
 - (4) Continuing Education Activities
 - (5) Industrial Relation Activities
- Computer Society Tainan Chapter
 - (1) More technical activities, especially related to the contemporary topics of interest that are more relevant to all Chapter members.
- Computational Intelligence Society (CIS) Tainan Chapter
 - (1) Planning to help organize AI Forum 2018- Plan to support the organization of the 7th International Workshop on Natural Language Processing for Social Media (Social NLP) 2019.
 - (2) Plan to organize talks from international speakers.
- Communications Society Tainan Chapter
 - (1) Invited Talk: Prof. Shang-Ho Tsai (蔡尚濶), National Chung Cheng University, Chia-Yi, Taiwan
 - (2) 2019 National Symposium on Telecommunication & 2019 Spring Workshop on Information Theory and Communications, Fullon Hotel LihPao Land, Taichung, Taiwan
- Electron Devices Society Tainan Chapter
 - (1) IEEE Distinguished Lecturer Program in Tainan/Kaohsiung or south Taiwan
 - (2) 2019 Symposium on Nano Device Technology. Topic: Nanoelectronic Devices and Technology, Emerging Memory Devices, MEMS Sensors, High-Frequency Technology and Applications, Nano Metrology Technology and Applications. Date/Place: May, 2019, Nano Device laboratory, HsinChu, Taiwan.
 - (3) 2019 Workshop. Topic: New Material for Nanoelectronic Devices. Date/Place: Sept, 2019, Nano Device laboratory, HsinChu, Taiwan.
- IEEE Young Professionals
 - (1) Planning to hold at least 2 technical and 4 non-technical activities in 2019
- Microwave Theory and Techniques Society Tainan Chapter
 - (1) Electromagnetics Workshop-A Bridge to the Future, Taichung, Taiwan
- Nanotechnology Council Tainan Chapter
 - (1) Planning to hold councils
 - (2) Planning to invite presentation
- Signal Processing Society Tainan Chapter
 - (1) Organize general assembly to promote communications among members.
 - (2) Invite professors and technical experts to share experiences in the field of deep learning.
 - (3) Cooperate with other IEEE societies of similar research interest.
 - (4) Promote international academic exchanges by hosting and co-hosting conferences.
 - (5) Develop and recruit fresh members by holding events dedicated for students and sponsorship.
 - (6) Develop industrial relationships through visiting and project-based cooperation.
- Vehicular Technology Society Tainan Chapter
 - (1) 2 Distinguished Lectures : Date : the 1st one is to be scheduled on 2019/1~2019/6; the 2nd one is to be scheduled on 2019/9~2019/12
 - (2) VTS Tainan Chapter members meeting : Date : to be scheduled on 2019/4~2019/6
 - (3) Invited talks from domestic/overseas speakers (at least two) : Date: the 1st one is to be scheduled on 2019/1~2019/6; the 2nd one is to be scheduled on 2019/9~2019/12

- Women in Engineering
 - (1) In the following year, we will invite at least three female speakers (one from the academia and two from the industrial) to share their experiences of making studying or career plans. Also, each of them will point out the challenges she have gone through before becoming a brilliant star in her field. The meetings/workshops will be held in the campus of National Cheng Kung University. We are going to invite not only the members of IEEE Tainan Section but also students in EE/CSIE departments of National Cheng Kung University to joint these events.

- Sensors Council Society Tainan Chapter
 - (1) Eurasian Conference on Educational Innovation (ECEI 2019); <http://2019.ecei.asia>
 - (2) 2019 IEEE International Conference of Intelligent Applied Systems on Engineering (IEEE ICIASE 2019); <http://2019.iciase.net>
 - (3) 2019 IEEE International Conference on Knowledge Innovation and Invention (IEEE ICKII 2019); <http://2019.ickii.org>