

Annual Activity Report of IEICE Bangkok Section

Date of Report : 3 January 2023

Reporter : Asst. Prof. Dr. Widhyakorn Asdornwised,
Chulalongkorn University

1. Organization

Assembly of the Section

└─ Members of the Section

└─ Rep. Office Rep.:

Asst. Prof. Dr. Widhyakorn Asdornwised
(widhyakorn.a@chula.ac.th)

Deputy Rep.: Dr. Theerawit Wilaiprasitporn

Secretary: Assoc. Dr. Chuwong Pongjareonpanich

Treasurer: Dr. Jessada Karnjana (jessada.karnjana@nectec.or.th)

Advisory Committees: Dr. Supavadee Aramvith,
Dr. Watit Benjapolakul,
Prof. Dr. Prasit Prapinmongkolkarn,
Dr. Tuptim Angkaew

2. Strategy of the Section

- To promote and recruit more IEICE membership and paper submission, especially Thai and neighboring young ECE members
- To strengthen member engagement and research networking among Thailand, Japan, and international collaborated activities, e.g., NICT Asia Center, ASEAN-IVO affiliated by NICT Japan, Embassy of Japan, Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI), and National Broadcasting and Telecommunication Commission (NBTC)
- To set up joint activities among IEICE at regional level (Workshop, Conference, Researcher Visiting, or Invited Talks), e.g., CU-NICT Workshop on Photonic Network Research 2022, ASEAN IVO Forum 2022, and etc

3. Membership Development Policy

- Organize small scale to large scale events (workshop/conference/lecture/others) to be able to promote IEICE as many times as possible during each fiscal year
- Encourage members to also organize events in each part of Thailand to engage more members
- Promote graduate students to publish in IEICE Transactions as the sufficient conditions for their MS and Ph.D

4. Results of Activities During the 2019/2020 Fiscal Year (April 2019~ March 2020)

4.1 Conference/Symposium/Workshop

- International Technical Conference on Circuits/Systems, Computers and Communications, ITC-CSCC, July 5-8, 2022, Phuket, Thailand
- Prof. Prabhas Chongstitvatana, "Quantum Optimization," Invited Talks, ICETC 2022, Nov. 30- Dec. 1, 2022
- Asst. Prof. Widhyakorn Asdornwised, "5G R&D Activities in Chula," Invited Talks, CU-NICT Workshop on Photonic Network Research, Dec. 2, 2022
- Dr. Jessada Karnjana, "Visual IoT Network for Environment Protection and Disaster Prevention," ASEAN IVO Forum 2022, Nov.29-30, 2022, Chulalongkorn University, Bangkok, Thailand

4.2 IEICE Sponsored Lecture (Including Participant Number)

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4.3 The Other Events in Collaboration with IEICE Hqs or Domestic Sections, if Available

- Prof. Prabhas Chongstitvatana, “Quantum Optimization,” Invited Talks, ICETC 2022, Nov. 30-Dec. 1, 2022
- Asst. Prof. Widhyakorn Asdornwised, International Advisory Committee, ICETC 2022, Nov. 30-Dec. 1, 2022
- International Technical Conference on Circuits/Systems, Computers and Communications, ITC-CSCC, July 5-8, 2022, Phuket, Thailand
- ASEAN IVO Forum 2022 (~150 participants from ASEAN countries, e.g., Brunei, Cambodia, Indonesia, Laos, Philippine, Malaysia, Myanmar, Singapore, and Thailand)
- CU-NICT Workshop on Photonic Network Research, Dec. 2, 2022 (43 participants from Japan and Thailand)

4.4 Improvement of the Section (Membership Evolution, Advertisement of Activities, Publication, etc.)

- Jointly organize conference/workshop/symposium with NICT ASEAN IVO..
- Organize workshop/event/short training courses with regional Country, NBTC, wireless operators, and NICT Japan

Review and Future Plan

(1) Items in 2022 Fiscal Year Plan Which Could Not Be Achieved, and Expected Solution

- All the proposed actions are successfully accomplished.

(2) Activity Plan in 2022 Fiscal Year

- Promotion of the IEICE Bangkok Section website
- Promotion of ICETC 2022, 2022 International Conference on Emerging Technologies for Communications (organized by IEICE Hqs.)
- Participate in ASEAN-IVO Forum 22 (affiliated by NICT Japan, Co-Chair, ~150 participants)

5. Constructive Opinion/Request/Proposal

- Propose to hold a student workshop to promote educational and collaborative work between Thailand and Japan once a year.
- Request for funding in jointly organizing local conference/workshop/symposium
- Invite distinguish lecturers to give a talk and discuss on further collaborations once a year
- Professor and students exchange visits between Thailand and Japan