

Annual Activity Report of IEICE VN Section

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1. Organization

Assembly of the Section

└─ Members of the Section

└─ Rep. Office ─ Rep. : Duy-Hieu Bui, PhD, Assistant Professor

2. Strategy of the Section

- Creating a friendly-open forum for exchanging academic and industrial experiences and new ideas in the fields of Information and Communication Technology.
- Promoting the collaborations between Vietnamese and Japanese scientists, institutions and companies through professional activities of IEICE.

3. Membership Development Policy

- Broadcasting the advantages of joining.
- Joint members between IEICE and the Radio and Electronics Association of Vietnam (REV).
- Encourage scientists to publish their technical contributions to IEICE Transactions.

4. Results of Activities During the 2020/2021 Fiscal Year (April 2020~ March 2022)

4.1 Conference/Symposium/Workshop

- Technical support for the 2020 International Conference on Advanced Technologies for Communications (ATC 2020), hosted in Nha Trang from 25-29 October 2020.
- Technical support for the 2020 Asia Pacific Conference on Circuit and System (APCCAS 2020), hosted in Ha Long from 8-10 December 2020.
- Technical support for the 2021 International Conference on Advanced Technologies for Communications (ATC 2021), hosted in Ho Chi Minh City from 14-15 October 2021.

4.2 IEICE Sponsored Lecture (Including Participant Number)

- No sponsored lecture this year.

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

- Supporting several student teams to participate the LSI contest in Okinawa, Japan. In 2021 and 2022, there were 4 Vietnamese teams joining this contest.
- Supporting RISC-V Day Vietnam 2020 organized by RISC-V Japan Association on September 18, 2020.
- Supporting RISC-V Day Tokyo 2020 organized by RISC-V Japan Association on November 5-6, 2020.
- Supporting RISC-V Day Vietnam 2022 co-organized with RISC-V Japan Association on January 15, 2022.
- Participating in IEICE 1st Global Net Workshop on October 28, 2021.
- Supporting ASEAN IVO Workshop on “Advanced Wireless Communications, Energy Harvesting and IoT Sensors for Smart Monitoring Systems” with National Institute of Information and Communication Technology (NICT), Japan, March 26-27, 2021.
- Supporting ASEAN IVO Workshop on “Energy Efficient Sensors and RF Energy Harvesting for IoT Based Smart Monitoring Systems” with National Institute of Information and Communication Technology (NICT), Japan, August 6-7, 2021.
- Supporting ASEAN IVO Workshop on “Convergence Platform for IoT Based Smart Monitoring Systems” with National Institute of Information and Communication Technology (NICT), Japan, December 23, 2021.

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

- Distribute and advertise the section’s activities through mailing list, social networks such as Facebook...
- Increase the collaboration between Vietnam and Japan through exchange programs, scholarship and research projects such as ASEAN IVO. However, some trips were canceled due to the covid-19 pandemic outbreak in both Japan and Vietnam.
- Encourage students to join virtual events organized by IEICE and other Japanese institutions.

5. Review and Future Plan

(1) Items in 2021 Fiscal Year Plan Which Could Not Be Achieved, and Expected Solution

- Maintaining many activities of the section is a difficulty due to the Covid-19 pandemic. Some events were canceled because of the covid-19 outbreak in Hanoi and Ho Chi Minh City.
- International conference on Integrated Circuits, Design and Verification (ICDV) 2021 could not be organized due to the Covid-19 pandemic.
- Member Meeting in Hanoi in July were canceled because of Hanoi’s lockdown in July.

(2) Activity Plan in 2022 Fiscal Year

- Organize scientific events (conference, workshop, seminars): ATC 2022 in Hanoi (<http://atc-conf.org/>).
- Sponsored Lectures/seminars on LSI Design, Communications, IoTs, Big Data/Data Science...
- Electronic Design Contest in Vietnam and LSI contest in Okinawa, Japan.
- Preferable topics to collaborate with regional Sections in Japan: LSI design, IoT applications, EDAs, Photonic Network, Microwave, Embedded Systems, Multilingual Processing and NLP, Big data/ data analysis...

6. Constructive Opinion/Request/Proposal

- IEICE should organize more events for the students and the international sections.
- Cross section activities would be a good chance to exchange ideas and collaborations.