

Annual Activity Report of IEICE Shanghai Section

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1. Organization

- Prof. Jie Zhu is the chairman of IEICE Shanghai section, and Ms. Yan Zhou is the assistant.
- Focusing on organizing academic activities, and absorbing new student members.

2. Strategy of the Section

- Increasing impact factors of the IEICE publications, and attracting more excellent works.
- Organizing and encouraging IEICE senior members to give talks worldwide.
- Organizing more academic conferences to expand influence of the organization.

3. Membership Development Policy

- In China the publication of papers is necessary condition for graduate students, IEICE should become their main choice of submission.
- The staffs in ICT companies are important source of new membership, taking more activities to attract more new membership from industries.

4. Results of Activities During the 2017/2018 Fiscal Year (April 2017 ~ March 2019)

4.1 Conference/Symposium/Workshop

In shanghai section there were conferences or workshops which were remarked with supported by IEICE, for example:

- 14th International Symposium on Neural Networks (ISNN2017), June21-23, 2017, Sapporo, Hokkaido, Japan (oral presentation)
- The 32st Eastern China Teaching Seminar on Electronic circuit, Oct.19-21, 2017, Xiamen, China. (keynote speech)
- The 33st Eastern China Teaching Seminar on Electronic circuit, Nov.5-7, 2018, Hangzhou, China. (keynote speech)

4.2 IEICE Sponsored Lecture (Including Participant Number)

In domestic symposiums, we introduced IEICE in details two times (participant were about 80 each time) and encouraged more students to attend IEICE activities.

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

We were keeping closer contact with IEICE Beijing section, and often exchanged experiences

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

More and more graduate students are selecting IEICE to publicize their research works, for examples,

- Ma, Z. et al. "An optic-fiber fence intrusion recognition system using mixture Gaussian hidden Markov models." IEICE Electronics Express 14.5 (2017): 20170023.

- Ma, Z. et al. "An approach to detect cavities in X-ray astronomical images using granular convolutional neural networks." IEICE Transactions on Information and Systems 100.10 (2017).
- Lei WANG, et al, " A Novel Speech Enhancement System Based on the Coherence-Based Algorithm and the Differential Beamforming", IEICE TRANS. INF. & SYST., VOL.E101-D, NO.12, DECEMBER 2018
- Li L, et al, " Filter Level Pruning Based on Similar Feature Extraction for Convolutional Neural Networks". IEICE Transactions on Information and Systems, 2018, 101(4): 1203-1206.

5. Review and Future Plan

(1) Items in 2018 Fiscal Year Plan Which Could Not Be Achieved, and Expected Solution

- The plan that was cooperation with more IEICE sections organizing conferences together was no achieved.

(2) Activity Plan in 2019 Fiscal Year

- Inviting IEICE staffs to introduce the organization and its membership policy.
- Associating with more IEICE sections organizing an international conference.

6. Constructive Opinion/Request/Proposal

- Set up a fund of each section for annual activities: organization, communications and exchange.
- Attracting more first level experts to submit their research results to IEICE to improve the quality and reputation of IEICE
- IET has full time staffs in China branch in order to develop the cooperation and activities with industries and universities. Maybe IEICE can also learn some things from it.