Annual Activity Report of IEICE Shanghai Section

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Reporter : Ning Chen, East China University of Science and Technology

1. Organization

• Prof. Ning Chen is the chairman of IEICE Shanghai Section.

• 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 January 2020 ~ December 2020

4.1 IEICE Sponsored Lecture (Including Participant Number)

We made preparation for Prof. Yukitoshi Sanada' lecture titled "Non-orthogonal Access Schemes in 5G and Beyond", which would be held on Feb. 24th, 2020 in East China University of Science and Technology but was canceled due to the COVID-19.

In domestic symposiums, we introduced IEICE in details (participant were about 50 each time) and encouraged more students to attend IEICE activities.

4.2 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

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

Build and maintain the IEICE Shanghai Section Website from January 2020 to now.

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

- Huan Tang and Ning Chen, Combining CNN and broad learning for music classification. *IEICE Transactions on Information and systems*, E103D(3): 695-701, 2020.

- Jianmei Zhang, Pengyu Wang, Feiyang Gong, Hongqing Zhu, and Ning Chen, Content-based superpixel segmentation and matching using its region feature descriptors, *IEICE Transactions on Information and Systems*, E103–D(8):1888-1900, 2020.

- Pengyu Wang, Hongqing Zhu, and Ning Chen, UMMS: efficient superpixel segmentation driven by a mixture of spatially constrained uniform distribution, *IEICE Transactions on Information and Systems*, E103D(1):181-185, 2020.

5. Review and Future Plan

 (1) Activity Plan in 2021 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.