

# Nagoya-Daejeon Exchange Workshop

IEEE Nagoya Section Young Professionals Affinity Group Secretary

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## I. GENERAL INFORMATION

- Date: Sep. 8<sup>th</sup> 2017
- Place: KI building Connect room, 291 Daehak-ro, Guseong-dong, Yuseong-gu, Daejeon, South Korea
- Organizers: IEEE Nagoya Section Young Professionals Affinity Group, Prof. Hyunjoo J. Lee (KAIST)
- Sponsor: IEEE R10 YP
- Participants: IEEE Nagoya Section Young Professionals Affinity Group members, SB members, KAIST faculties and students, Prof. Albert No (Hongik Univ.)

## II. PROGRAM

### A. Time Schedule

15:00-15:10 Opening

15:10-15:30 Self and research introduction

Each participant makes a one-minute presentation with one slide.

15:30-15:50 Introduction of IEEE Nagoya YP activities

Japanese presenters introduce activities for young researchers.

15:50-16:10 Introduction of KAIST activities

Korean presenters introduce activities on young researchers.

16:10-16:40 Free discussion (All participants discuss the following topics)

- Which is ideal for you, research at a company or a university?
- Do you have any concerns about researching in home country?
- If you are given a complete freedom (funding, students, etc.) in terms of research direction, what would be your dream research project?
- What do you love the most about your research and the least about your job/research?
- What are the ups and downs of international collaborations?

- What do you think are some of responsibilities we have as young researchers for our society?

16:40-17:00 Break

17:00-18:00 Lab tour & networking party

### B. Self and research introduction

Each participants has prepared the slides for one-minute presentation, and briefly introduced themselves and their research.



Fig. 1 Opening remarks and introduction of IEEE Nagoya YP activities by Prof. Takuo Suzuki (left), Self-introductions by participants (right)

### C. Introduction of IEEE Nagoya YP activities

Prof. Takuo Suzuki (IEEE Nagoya YP Chair) described the group structure of IEEE and showed the IEEE Nagoya YP activities (See Fig. 1).

### D. Introduction of KAIST activities

Prof. Lee (KAIST) remarked the School of Electrical Engineering history [1] and works. Since the PhD students population has been dropping down, and KAIST has made a lot



Fig. 2 Introduction of KAIST activities by Prof. Lee (left) and IEEE Seoul Section Young Professionals activities by Prof. No (right)

of effort to provide a good research environment to students (See Fig. 2 and 3).

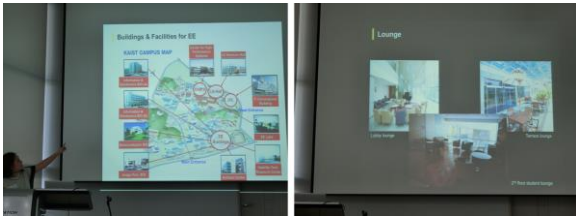


Fig. 3 Prof. Hyunjoo J. Lee showed the new environments for students in KAIST

Prof. No (Hongik Univ.) who are planning to organize a IEEE Seoul Section Young Professionals Affinity Group explained their first activity, IEEE Smart Tech 2017 [2].

#### E. Free discussion

To organize the Seoul Section Young Professionals Affinity Group, the purpose of group needs to be delivered to the young researchers and students that this is a bridge btw industry and academia. It could be great benefits for the young researchers.

The differences and reasons of the low PhD students' populations and young researchers in academia were commented, and the potential reason in Japan could be that there are not many advantages in work types and salaries either holding PhD. In Korea, many PhD work in the industry because of high workload and few positions in academia.



Fig. 4 Photo of all participants

#### F. Networking party

Prof. Hyunjoo J. Lee hosted the party in KAIST faculty club. All participants exchanged their opinions regarding research, cultures, plans for IEEE YP.

### III. CULTURAL EXPERIENCE

Participants visited a cultural experience museum, Kimchikan [3], next day (Sep. 9<sup>th</sup> 2017) that located in Seoul. The museum provided the interactive lectures regarding Kimchi

that is a Korean typical food, and also some of traditional goods, e.g. Hanbok (See Fig. 6).



Fig. 5 Networking party



Fig. 6 Visiting Museum Kimchikan

### IV. CONCLUSION

This workshop was productive, helpful, and useful for both groups to understand each countries' research environments. Also, it was very good opportunities to find the challenges of IEEE YP that needs to find the benefits of IEEE for young researchers.

#### ACKNOWLEDGEMENT

We would like to thank Prof. Kojiro Nishimiya (IEEE Japan Council YP Coordinator), Prof. Albert No (IEEE Seoul Section YP Coordinator), Prof. Hyunjoo J. Lee to organize the workshop.

#### REFERENCES

- [1] <https://ee.kaist.ac.kr/>
- [2] <http://www.smarttech2017.org/>
- [3] <https://www.kimchikan.com/en/>