

IEEE Sapporo Section Annual Report 2017

February 8, 2018

PART A - SECTION SUMMARY

A.1 Executive Summary

- Section Executive Committee Member List
 - Chair: Yoshikazu Miyanaga
 - Vice Chair: Takeo Ohgane
 - Secretary/Treasurer: Hiroshi Tsutsui
 - Auditors: Hirofumi Sanada, Hajime Igarashi
 - Chair of Fellow Nomination Committee: Kunimasa Saitoh
 - Chair of Membership Development Committee: Tatsuya Kashiwa
 - Chair of Student Activities Committee: Manabu Omiya
 - Chair of Publications Committee: Yuichi Fujino
 - Chair of Nominating Committee: Kenji Araki
 - Chair of Technical Program Committee: Koji Hasegawa
 - Chair of Award Committee: Yoshikazu Miyanaga
 - Other Executive Committee Members: Kunitoshi Motoki, Naoto Yoshimoto, Miki Haseyama, Tsuyoshi Yamamoto
- Major Events (International, National)
 - 10 technical meetings were delivered.
 - We co-sponsored a domestic conference named 2017 Hokkaido-Section Joint Convention of Institutes of Electrical and Information Engineers which was held at Future University Hakodate.
- Major Student and Affinity Group Activities
 - Hokkaido University Student Branch organized one special networking session in Hokkaido-Section Joint Convention of Institutes of Electrical and Information Engineers to exchange their experiences in university life. This session was co-organized with IEICE Hokkaido University Student Branch.
 - Sapporo Section WIE organized two lectures.
- Awards
 - We organized the following two types of student awards
 - IEEE Sapporo Section Student Paper Contest
 - IEEE Sapporo Section Student Paper Awards
 - 2016 Award ceremony was held in conjunction with 2017 Sapporo Section annual meeting.

A.2 Financial Report

- Summary (as per submitted L50)
 - Income: JPY 849,722
 - 3.10 - Rebate from IEEE HQ JPY 373,917
 - 3.16 - Region 10 Assessment JPY 475,792
 - 3.45 - Non-IEEE CB Account Interest JPY 13
 - Expense: JPY 901,025
 - 4.10 - Meetings & Social Events Expense JPY 29,001
 - 4.60 - Educational Activities Expense JPY 195,000
 - 4.80 - Student Activities Expense JPY 121,190
 - 4.90 - Other Program Expenses JPY 50,000
 - 5.20 - Travel Expense JPY 56,799
 - 5.50 - Support to Sections/Chapters Expense JPY 427,631
 - 5.60 - Other Management & General Expenses JPY 21,404
 - Cash on Hand at Beginning of Year: JPY 1,595,890
 - Cash on Hand at End of Year: JPY 1,544,587

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
 - End of 2015: 271
 - End of 2016: 278
 - End of 2017: 270
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
 - 10 technical meetings
 - Support to new student members

B.2 Chapter Activities

- Total number of Chapters in the Section
 - No chapters other than joint chapters.
- Number of Chapters formed in the current year
 - None

B.3 Professional and Continuing Education Activities

Summary of continuing Educational activities including conferences, technical activities, training courses, and distinguished lecture programs

The following 11 speakers were invited as educational/technical programs.

1. Schedule: Tue Jan 19, 2017, 15:00-16:30, with Sapporo Section WIE
 - Title: Accelerating Universe Probed by Data Analysis of Large-Scale Structure of the Universe
 - Lecturer: Atsushi Nishizawa, Nagoya University
2. Schedule: Mon Feb 13, 2017, 13:00-14:30, with IEICE Hokkaido Section
 - Title: Spectrum sharing on 5G communication networks
 - Lecturer: Ying He, Dr., Lecturer
School of Computing and Communications, University of Technology Sydney
3. Schedule: Tue Feb 14, 2017, 13:00-14:30, with IEICE Hokkaido Section
 - Title: Sensitive Ambient RF Energy harvesting Using Rectenna
 - Lecturer: Negin Shariati Moghadam, Dr., Lecturer
School of Computing and Communications, University of Technology Sydney
4. Schedule: Fri Mar 24, 2017, 10:30-12:00, with IEICE Hokkaido Section
 - Title: Research into Radio Environment Maps for Emerging 5G and IoT Networks
 - Lecturer: Eryk Dutkiewicz, Dr., Professor
School of Computing and Communications, University of Technology Sydney
5. Schedule: Fri Mar 24, 2017, 13:00-14:30, with IEICE Hokkaido Section
 - Title: Markov Modelling: from Wi-Fi to 5G and Beyond
 - Lecturer: Ren Ping Liu, Dr., Professor
School of Computing and Communications, University of Technology Sydney
6. Schedule: Fri Mar 24, 2017, 14:45-16:15, with IEICE Hokkaido Section
 - Title: Achieving High-Speed Aerial Backbone Transmission for Air-Space-Ground Integrated Information Networks
 - Lecturer: Xiaoqing Huang, Dr., Professor
School of Computing and Communications, University of Technology Sydney
7. Schedule: Mon Apr 17, 2017, 10:40-11:40 (IEEE ComSoc Distinguished Lecturer Tour)
 - Title: Customized Mobile Networking in 5G
 - Lecturer: Prof. Tarik Taleb, School of Electrical Engineering, Aalto University, Finland
8. Schedule: Wed Apr 26, 2017, 16:30-18:00
 - Title: Human Motion Understanding
 - Lecturer: Dr. Hubert P. H. Shum, Associate Professor, Northumbria University (UK)
9. Schedule: Mon May 15, 2017, 16:00-17:30, with IEICE Hokkaido Section
 - Title: State-of-the-Art on Projection Mapping Research
 - Lecturer: Dr. Daisuke Iwai, Associate Professor, Osaka University
10. Schedule: Tue Dec 19, 2017, 17:15-18:30, with Sapporo Section WIE
 - Title: Significant Factors of Keeping the Motivation for Successful Job Hunting
 - Lecturer: Ruriko Kobayashi, Hokkaido University of Science
11. Schedule: Wed Dec 20, 2017, 10:00-12:00, with IEICE Hokkaido Section

- Title: Is Seeing Believing?
- Lecturer: Dr. Alex C. Kot, Professor, IEEE Fellow, Nanyang Technological University, Singapore

B.4 Students Activities

- Total number of Student Branches in the Section
 - One student branch (Hokkaido University Student Branch)
- Number of Student Branches formed in the current year
 - None
- Section level student activities (student congress, paper and other contests, awards etc)
 - IEEE Sapporo Section Student Paper Contest
We awarded six (6) excellent students presenters at Hokkaido-Section Joint Convention of Institutes of Electrical and Information Engineers.
 - IEEE Sapporo Section Student Paper Awards
We awarded four (4) excellent student authors whose papers were published in the IEEE Transactions, Journals, and/or Proceedings.
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)
 - One student branch (Hokkaido University Student Branch)
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
 - In 2017, Hokkaido University Student Branch organized one special networking session in Hokkaido-Section Joint Convention of Institutes of Electrical and Information Engineers to exchange their experiences in university life. This session was co-organized with IEICE Hokkaido University Student Branch.

B.5 Affinity Group Activities

- Young Professional (YP)
 - No YP in this section.
- Women In Engineering (WIE)
 - Two lecture/technical meetings were jointly held with Sapporo Section.
- Life Member
 - No affinity group of this type in this section.

B.6 Awards & Recognition Activities

None

B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)

- Home Page of the Section (give the URL and how often it is updated)
 - Section's web page:
<https://www.ieee-jp.org/section/sapporo/>
 - Sapporo Section WIE:
https://www-lmd.ist.hokudai.ac.jp/WIE_Sapporo/
- Other means of contacts with Section members including social media
 - eNotice

B.8 Industry Relations

None

B.9 Humanitarian Technology Activities

None

B.10 Community Activities

None

PART C - OTHERS

C.1 Special Events

None.

C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)

None.

C3. Collaboration with other IEEE Sections

None.

C.4 Support extended to Sub-sections & Society Chapters within the Section

None.

C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members)

None.

C.6 Problems anticipated and suggestions for solutions, if any

None.

PART D - GOALS AND PLANS

D.1 Continuation of project/activity in progress and their implementation plans

We are planning to organize technical lectures, symposiums, workshops on topics of interests. In some cases, these might be in collaborations with other institutes.

D.2 Goals and Future Plans

- Increasing the membership
- Enhancing the student activities
- Nominations of members for Senior Member and Fellow of the Institute
- Providing better services to the members
- Establishing new student branches and/or a YP affinity group

D.3 Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.

We do not have any actual ideas. We would like to discuss this issue in the section.

D.4. Business Plan for Sustainable Growth and Financial Stability.

We do not have any actual plan yet. We would like to discuss this issue in the section.