

IEEE Sapporo Section Annual Report 2020

February 15, 2021

PART A - SECTION SUMMARY

A.1 Executive Summary

- Section Executive Committee Member List
 - Chair: Takeo Ohgane
 - Vice Chair: Miki Haseyama
 - Secretary/Treasurer: Toshihiko Nishimura
 - 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: Yukinori Suzuki
 - Chair of Award Committee: Yoshikazu Miyanaga
 - Other Executive Committee Members: Kunitoshi Motoki, Naoto Yoshimoto,
 - Student Representative: Tomotaka Kawabata
- Major Events (International, National)
 - 5 technical meetings were delivered.
 - We co-sponsored a domestic conference named 2020 Hokkaido-Section Joint Convention of Institutes of Electrical and Information Engineers which was held by online.
- Major Student and Affinity Group Activities
 - Hokkaido University and Muroran Institute of Technology Student Branches 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 three lectures.
- Awards
 - We organized the following two types of student awards
 - IEEE Sapporo Section Student Paper Contest
 - IEEE Sapporo Section Student Paper Awards
 - 2020 Award ceremony was canceled due to COVID-19.

A.2 Financial Report

- Summary (as per submitted on NetSuite)
 - Income: JPY 818,270
 - 3.10 - Rebate from IEEE HQ JPY 397,971
 - 3.16 - Region 10 Assessment JPY 420,277
 - 3.45 - Non-IEEE CB Account Interest JPY 22
 - Expense: JPY 819,340
 - 4.10 - Meetings & Social Events Expense JPY 14,382
 - 4.60 - Educational Activities Expense JPY 120,000
 - 4.80 - Student Activities Expense JPY 221,516
 - 4.90 - Other Program Expenses JPY 50,000
 - 5.20 - Travel Expense JPY 4,480
 - 5.50 - Support to Sections/Chapters Expense JPY 356,240
 - 5.60 - Other Management & General Expenses JPY 52,722
 - Cash on Hand at Beginning of Year: JPY 2,561,558
 - Cash on Hand at End of Year: JPY 2,560,488
- Any other financial activities (IEEE CB)
 - Income: USD 1,500.00
 - 3.20 Region Receipts USD 1,500.00
 - Expense: USD 0.00
 - Cash on Hand at Beginning of Year: USD 0.00
 - Cash on Hand at End of Year: USD 1,500.00

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
 - End of 2018: 284
 - End of 2019: 334
 - End of 2020: 314
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
 - 5 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 5 speakers were invited as educational/technical programs.

1. Schedule: Aug. 11, 2020, with Sapporo Section WIE
 - Title: Video Anomaly Detection for Intelligent Surveillance System
 - Lecturer: Prof. Supavadee Aramvith, Associate Professor in Electrical Engineering, Chulalongkorn University, Thailand
2. Schedule: Aug. 28, 2020, with Muroran Institute of Technology SB, Sapporo Section YP, and Sapporo Section WIE
 - Title: Development History of Mobile Communication Systems and The Outlook on 6G
 - Speaker: Prof. Fumiyuki Adachi from Tohoku University, Japan
3. Schedule: Nov. 30, 2020,
 - Title: Application of Bayesian Statistics in Wireless Communication Technology
 - Speaker: Dr. Junichiro Hagiwara of NTT DoCoMo, Japan
4. Schedule: Dec. 21, 2020, with Muroran Institute of Technology SB, Hokkaido University SB, and Sapporo Section WIE
 - Title: Optical Wireless Technologies for Future High-Data Rate Multimedia Services
 - Lecturer: Prof. Saeko Oshiba of Kyoto Institute of Technology, Japan
5. Schedule: Dec. 21, 2020, with Muroran Institute of Technology SB, Hokkaido University SB, and Sapporo Section WIE
 - Title: Recent Progress in Silicon Photonic Processor
 - Lecturer: Prof. Takanori Sato of Hokkaido University, Japan

Sapporo Section co-sponsored the following conference.

1. We co-sponsored a domestic conference named 2020 Hokkaido-Section Joint Convention of Institutes of Electrical and Information Engineers which was held by online.

B.4 Students Activities

- Total number of Student Branches in the Section
 - Two student branches (Hokkaido University and Muroran Institute of Technology)
- Section level student activities (student congress, paper and other contests, awards etc)
 - IEEE Sapporo Section Student Paper Contest
We awarded thirteen (7) excellent student presenters at Hokkaido-Section Joint Convention of Institutes of Electrical and Information Engineers.
 - IEEE Sapporo Section Student Paper Awards

We awarded five (5) 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)
 - Two student branches (Hokkaido University and Muroran Institute of Technology)
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
 - In 2020, Student Branches in Hokkaido University and Muroran Institute of Technology 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)
 - 12 technical meetings were held and 5 engineer spotlights were joined.
- Women In Engineering (WIE)
 - Three 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/
 - Sapporo Section YP:
<https://r10.ieee.org/sapporo-yp/>
 - Student Branch at Hokkaido University
<https://csw.ist.hokudai.ac.jp/ieee/>
 - Student Branch at Muroran Institute of Technology
http://www3.muroran-it.ac.jp/enes/student_branch/
- 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.

C.3 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 a LMAG affinity group
- Exploring the possibility of new student branches

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.