

Region 10 Shin-etsu Section Report

PART A - SECTION SUMMARY

A.1 Executive Summary

- Section Executive Committee Member List
 - ✓ Chair: Toshiro Sato, Shinshu University
 - ✓ Vice-chair: Takashi Yukawa, Nagaoka University of Technology
 - ✓ Secretary: Pauline N. Kawamoto, Shinshu University
 - ✓ Treasurer: Toshihiko Takahashi, Niigata University
 - ✓ Past-chair: Keizo Kato, Niigata University
 - ✓ Membership Development Chair: Kenichi Itoh, Niigata Institute of Technology
 - ✓ Student Activities Chair: Takanori Miyoshi, Nagaoka University of Technology
 - ✓ Nominations Chair: Hernan Aguirre, Shinshu University
 - ✓ Technical Program Chair: Mamoru Iwaki, Niigata University
 - ✓ Tokyo/Shin-etsu Joint Section
 - WiE liaison: Pauline N. Kawamoto, Shinshu University
 - ✓ Past-secretary: Minseok Kim, Niigata University
- Section Highlights
 - ✓ 4 board meetings
 - ✓ 3 IEEE sessions in coordination with IEICE and IEEJ where IEEE Shin-etsu Section and Section Student Branch (SSB) presented various awards to 5 excellent students
 - ✓ 1 medal ceremony celebrating new Senior Members
- Major Events (International, National)
 - ✓ Domestic Events
 - ◇ 4 board meetings: 5/31, 9/12, 9/24, 12/24
 - ◇ IEEE sessions: 2 oral and 1 poster sessions on 9/24, 11/26, 12/19



Almost all meetings, events, IEEE oral/poster sessions, awards ceremonies still done online due to onsite gathering restrictions related to COVID-19 situation in 2022.

- Major Chapter Activities
Shin-etsu Section chapter (MAG-33) co-sponsored 1 technical meeting (8/1, 45 attendees) in 2022.
- Major Student and Affinity Group Activities
Shin-etsu SSB: The IEEE Shin-etsu Section Student Branch (SSB) was established in 2019 with a core of students and staff from Shinshu Univ., Nagaoka Univ. of Tech., and Niigata Univ. Because of the COVID-19 pandemic situation, the members did not visit campuses for membership development events in 2022, but held outreach events for students at each campus, 1 poster session (12/19), and board meetings online. They also attended IEEE online seminars and leadership training offered to the student branches.

Tokyo/Shin-etsu Joint Section WiE affinity group: The Tokyo/Shin-etsu Joint Section Women in Engineering (WiE) affinity group was established in 2020 and almost all meetings and events (International Women’s Day Online Coffee Break event 3/9, International Women in Engineering Day Online Coffee-Break 6/23) in 2022 were still conducted online due to the COVID-19 situation. The annual Women in Engineering 2022 Symposium (11/12, 77 participants) was held at “Miraikan” – The National Museum of Emerging Science and Innovation as the first partially face-to-face hybrid event of the year and a special red carpet event held at “Tango – Place of Tokyo“ (12/10, 25 participants) to acknowledge the newly elevated Senior Members and celebrate the achievements of our members with family and friends closed out the activities for the year.
- Awards
 - ✓ Young Researcher Paper Awards to 2 students
 - ✓ Best Poster Presentation Awards to 1 student
 - ✓ Commemorative medal to 2 new senior members
 - ✓ Recipient of 2022 R10 Best Membership Retention Small Section Award



Ceremony for awarding commemorative IEEE Japan Medal to section members newly elevated to Senior Member grade in 2022.

A.2 Financial Report – (Please follow the format given below)

- Summary (as per submitted on NetSuite)
Our balance at the end of 2021 was 1,297,265 yen. Income for 2022 totaled 2,360,164 yen. Expenses in 2022 were 823,500 yen, resulting in a balance at the end of 2022 of 1,536,664 yen, which is about USD\$11,912 at an exchange rate of 129 yen/USD.
- Any other financial activities
No other activities.

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.

Grade	2/2023	2/2022	2/2021
Student Member	9	12	6
Senior Member	13	14	13
Member	157	160	166
Life Senior	2	2	1
Life Member	7	7	8
Life Fellow	3	2	2
Graduate Student Member	21	27	27
Fellow	1	2	2
Associate Member	3	3	5
Affiliate	5	5	7
Total	221	234	237

- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
In order to increase membership, we offer awards to student members and encourage professional members to apply for higher membership status. From 2021, a memorial medal is awarded to every new senior member. The executive committee members have worked closely with the section student branch board members to take advantage of the membership drive materials and novelty goods provided by IEEE at their outreach events.

B.2 Chapter Activities

- Total number of Chapters in the Section: 1
- Number of Chapters formed in the current year: 0
- Number of active Chapters (Chapters who have reported required number of meetings during the year): 1
- Summary of Chapter activities (Chapter wise with attachment table/information):

We have one chapter in our section. MAG-33 (Shin-etsu) chapter organized and/or co-sponsored the following technical meetings and lectures in 2022:

[Co-sponsor]

- ✓ Aug. 1: online lectures with Nagano Techno Foundation, 45 participants

B.3 Professional and Continuing Education Activities

Summary of continuing Educational activities including conferences, technical activities, training courses, and distinguished lecture programs with attachment table / information

B.4 Students Activities

- Total number of Student Branches in the Section: 1
- Number of Student Branches formed in the current year: 0
- Section level student activities (student congress, paper and other contests, awards etc):
 - Oral/poster sessions
 - SSB board meetings
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year): 1
- Summary of Student Branch activities (Student Branch wise with attachment table/information)

The IEEE Shin-etsu Section Student Branch (SSB) composed of members from Shinshu Univ., Nagaoka Univ. of Tech., and Niigata Univ. was established in 2019 and is actively providing opportunities to exchange information not limited to research among the students and higher grade members and promote friendship within the local communities. Because of the COVID-19 situation, the members did not physically visit the campuses for membership development events in 2022, but held outreach events for students at each campus, 1 poster session (12/19), and all board meetings online. They also attended IEEE online seminars and leadership training offered to the student branches.

B.5 Affinity Group Activities

- Young Professional (YP)
- Women In Engineering (WIE)

The Tokyo/Shin-etsu Joint Section Women in Engineering (WiE) affinity group was established in 2020. Because of the continued COVID-19 situation, almost all meetings and events (International Women's



IEEE Tokyo/Shin-etsu Joint Section WIE end-of-the-year red carpet event for celebrating member achievements and new senior members in 2022.

Day Online Coffee Break event 3/9, International Women in Engineering Day Online Coffee-Break 6/23) in 2022 were still conducted online. The annual Women in Engineering 2022 Symposium (11/12, 77 participants) was held at “Miraikan” – The National Museum of Emerging Science and Innovation as the first partially face-to-face hybrid event of the year and a special red carpet event held at “Tango – Place of Tokyo“ (12/10, 25 participants) to acknowledge the newly elevated Senior Members and celebrate the achievements of our members with family and friends closed out the year. New executive committee members were elected for the 2023-24 term.

- Life Member (LM)

B.6 Awards & Recognition Activities

- Award constituted by the Section

In the Shin-etsu Section, we presented 3 excellent paper/poster awards to students who presented their work at the IEEE Sessions held in conjunction with the IEICE Shin-Etsu Chapter Convention and the IEEJ Tokyo Section Niigata Chapter Convention and a poster session sponsored by the section student branch.

We also presented commemorative medals to 2 section members who were elevated to Senior Member grade in 2022.

- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year

The Shin-etsu Section was recognized by Region 10 for its retention of members in 2022 and was a recipient of the 2022 R10 Best Membership Retention Small Section Award.

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

- Newsletter (name and number of issues in the year)
- Home Page of the Section (give the URL and how often it is updated)
- Other means of contacts with Section members including social media

Our main method of communication with members in our section is via our homepage and eNotice announcements and mailings. The URL of the English version of the homepage is:

<https://www.ieee-jp.org/section/shin-etsu/index-e.html>

Our homepage is updated as quickly as possible when new information is available (typically every 1-2 months).

B.8 Industry Relations

- Membership growth and retention
- Activities for/with industrial members

We have no events targeting industrial members currently, but there are many industrial companies in the Shin-etsu regions and in the future, we plan to develop relations with these companies.

B.9 Humanitarian Technology Activities

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.
- SIGHT Activities

We have no committee or activities for Humanitarian Technology (SIGHT) at this time, but we will support them if they are formed in the future.

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)”

We have no annual IEEE social activities currently, but plan to combine medal ceremony events with social events for the section members in the future.

PART C - OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved
- Funding secured from the IEEE and external sources including sponsorships

N/A

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

- Nature of relationship and details of any formal agreement signed
- Details of joint activities
- Benefit to IEEE members (for example discounts, access to technical information etc.)
- Benefit to Section (for example help in membership development, venue facilities, cost saving etc.)

There are several Japanese professional societies such as the IEICE and IEEJ with which we co-sponsor and co-locate events. Since many people are members of both the IEEE and one or both of the IEICE and IEEJ groups, it is our policy to work in cooperation with these societies to promote engineering in the Shin-etsu region of Japan. To this end, we co-sponsor and co-organize many events.

C.3 Collaboration with other IEEE Sections

- Support extended to neighboring Sections
- Joint activities with any other Section

The Tokyo/Shin-etsu Women in Engineering (WiE) affinity group is a joint section effort. We have not coordinated other activities with other IEEE sections in this year.

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

- Support extended for organising technical, educational and professional activities
- Joint activities for membership development
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section

We currently have no Sub-sections and no special support for society chapters within the section.

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

To encourage interactions between mixed grade members, the section board members and SSB board members work together on the judging of student awards at the annual IEEE sessions of our section.

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

In 2023, we will continue to provide awards as described above. Also, we will try to organize technical meetings at each university in the Shin-etsu region every year.

The Shin-etsu Section will be the host of the Japan Council Metro Area Workshop (MAW 2023) in the coming year.

D.2 Goals and Future Plans

In the future, we will try to connect members to activate the section student branch, a Young Professionals branch, and the joint section WiE affinity group. The relatively small number of members in our section is a major obstacle, so we must consider how to increase our membership.

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

Plan IEEE sessions and events that will benefit students and connect them with our higher grade members to gain new members and sustain membership.

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

The Shin-etsu Section conducts its yearly activities within a financially stable budget plan using income from the annual Section Assessment and Section Rebate. The income and expenses for the section have been balanced for the past three years and we plan to continue the same style of budget planning in the coming year.