

## Region 10 Shin-etsu Section

### PART A - SECTION SUMMARY

#### A.1 Executive Summary

- Section Executive Committee Member List
 

Chair:	Kiyoshi Ohishi,	Nagaoka University of Technology
Vice-chair:	Keizo Kato,	Niigata University
Secretary:	Toshimasa Miyazaki,	Nagaoka University of Technology
Treasurer:	Pauline Kawamoto,	Shinshu University
Past-chair:	Shiro Handa,	Shinshu University
Membership Development Chair:	Eiichi Sato,	Niigata Institute of Technology
Student Activities Chair:	Takafumi Hayashi,	Niigata University
Nominations Chair:	Minoru Maruyama,	Shinshu University
Technical Program Chair:	Mikihiko Nishiara,	Shinshu University
Other Executive Committee	Yuki Yokokura,	Nagaoka University of Technology
  
- Section Highlights
 

In 2018, we organized 5 board meetings, 2 open lectures, one IEEE session in coordination with IEICE and IEEJ. We supported 4 students in our section through the IEEE Shin-Etsu Young Researcher Paper Award, and 12 students through the International Conference Travel Aid Award.
  
- Major Events (International, National)
 

There were no international events sponsored by this section.

National Events:

  1. 3 board meetings: 5/11, 7/14, 9/29, 11/10, 1/10
  2. 1 IEEE session: 3 oral sessions and 2 poster session. 9/29, 11/10
  3. 2 open lectures: 5/25, 11/10
  
- Major Chapter Activities
 

Shin-etsu section chapter (MAG-33) organized and/or co-sponsored the technical meetings and lectures in 2018.
  
- Major Student and Affinity Group Activities
 

We established new section student branch council between three universities (Shinsyu Univ., Niigata Univ. and Nagaoka-Univ. of Tech.).
  
- Awards
 

We supported 4 students in our section through the IEEE Shin-etsu Young Researcher Paper Award.

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

- Summary (as per submitted L50)
 

Our balance at the end of 2018 was 836,245 yen. Income for 2018 totaled 2,178,974 yen. Expenses in 2018 were 1,342,729 yen, resulting in a balance at the end of 2018 of 836,245 yen, which is about US\$7,466 at an exchange rate of 112 yen/\$.
  
- Any other financial activities
 

No activities.

## **PART B - ORGANIZATIONAL ACTIVITIES**

### **B.1 Membership Development Activities**

Fellows 4, Senior Members 10, Members 158, Graduate Student Members 45, Associate Members 10, Student Members 15, Life Fellow 1, Life Members 6, Life Seniors 1.  
[258 in total]

In order to increase membership, we offer awards to student members. We also encourage members to apply for higher membership status. To this end, some of our executive committee members applied and were accepted for Senior Member status. These members can know encourage other members to apply by outlining the application procedure and helping with the required documents.

### **B.2 Chapter Activities**

We have one chapter in our section. Shin-etsu section chapter (MAG-33) organized and/or co-sponsored the technical meetings and lectures in 2018:

[Co-sponsor]

1. Jan. 19: Seminar for young researcher with Tokai Chapter in IEE Japan (sponsor), 8 presentations, 46 persons
2. Dec. 14: Workshop for young researcher with Tokai Chapter in IEE Japan (sponsor), "Outline of magnetic resonance method and efforts to develop wireless power supply system in DAIHEN Corporation" by Mr. Yoshinori TSURUDA (DAIHEN Corporation), 180 persons

[Support]

1. May 23-25: Symposium on Electromagnetics And Dynamics (SEAD) 30th in IEE Japan (sponsor), 133 presentations, 2 special lectures ("New challenge of asteroid explorer "Hayabusa 2"" by Dr. Makoto YOSHIKAWA, and "Zenkoji faith is an auspicious world" by Mr. Takakazu FUKUSHIMA), 156 persons
2. Jul. 11: Refresh science classroom with Hoku-Shin-etsu Chapter in The Japan Society of Applied Physics and Tokai Chapter in IEE Japan (sponsor)

### **B.3 Professional and Continuing Education Activities**

We organized and/or co-sponsored the following technical meetings and lectures in 2018:

1. May 25: Special Lecture "Nanomagnetics " by Dr. Olle Heinonen (Argonne National Laboratory and the Northwestern-Argonne Inst. Sci. & Eng., and Northwestern Univ.)
2. Nov. 10: Special Lecture " From the point of product development" by Dr. Masayuki Ohinishi (Toshiba)

### **B.4 Students Activities**

We established new section student branch in our Section. We are encouraging students to join the IEEE and hopefully when there are enough members a student branch can be formed.

### **B.5 Affinity Group Activities**

At present, there are no YP, WIE, Life branches in our Section.

### **B.6 Awards & Recognition Activities**

In the Shin-etsu Section, we presented paper awards to students who presented papers at the IEEE Sessions held in conjunction with the IEICE Shin-Etsu Section Conference and IEEEJ Niigata branch Conference. We also financially support students who present papers at international conferences.

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

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

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

Our homepage is updated whenever new information is available, which is typically every 1-2 months.

## **B.8 Industry Relations**

We have no industrial members. However, there are many industrial companies in this region and in the future, we plan to make relations with these companies.

## **B.9 Humanitarian Technology Activities**

We have no committee or activities for Humanitarian Technology. If our section's members have activities, we can support them.

## **B.10 Community Activities**

We have no IEEE social activities

# **PART C - OTHERS**

## **C.1 Special Events**

We held a pre student branch session on September 29, 2018. Details of session are as follows:

At poster session, 6 papers are presented. Students reviewed each other's presentation. We presented paper awards to one student.

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

There are several Japanese professional societies such as the IEICE and IEEJ. Since many people are members of both the IEEE and one or both of the IEICE and IEEJ, 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.

## **C3. Collaboration with other IEEE Sections**

We have no collaborations with other IEEE sections in this year. We will discuss future collaboration with several sections.

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

We have no Sub-sections and Society Chapters.

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

Young Researcher Paper Award and International Conference Student Travel Aid Award.

## **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 2018, we will continue to provide awards and aid to students as described above. Also, we will try to organize technical meetings at each university in the Shin-etsu region every year.

### **D.2 Goals and Future Plans**

In the future, we plan to establish a Student branch and also a Young Professionals branch. The relatively small number of members in our section is the main obstacle, so we must also think of ways 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 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.