

IEEE Shin-Etsu Section (Japan) Annual Report 2015

PART A - SECTION SUMMARY

A.1 Executive Summary

Executive committee members were selected for the 2015-2016 period as follows.

Chair:	Shiro Handa,	Shinshu University
Vice-chair:	Nobuhiro Harada,	Nagaoka University of Technology
Secretary:	Hernán Aguirre,	Shinshu University
Treasurer:	Nozomu Ishii,	Niigata University
Past-chair:	Futao Kaneko,	Niigata University
Membership Development Chair:	Eiichi Sato,	Niigata Institute of Technology
Student Activities Chair:	Jynichi Ito,	Nagaoka University of Technology
Nominations Chair:	Minoru Maruyama,	Shinshu University
Technical Program Chair:	Yasunori Sugita,	Nagaoka University of Technology
Other Executive Committee	Kentaro Nishimori,	Niigata University
Other Executive Committee	Shirai Keiichiro,	Shinshu University

In 2015, we organized 3 board meetings, 5 open lectures and 2 IEEE sessions in corporation with IEICE and IEEEJ in the Shin-Etsu region in Japan. We supported 3 students in our section through IEEE Shin-Etsu young researcher paper award, and 5 students through international conference award.

A.2 Financial Report

Our balance at the end of 2015 was 1,325,423 yen. Income for 2015 totaled 2,489,373 yen. Expenses in 2015 were 1,163,950 yen, resulting in a balance at the end of 2015 of 1,325,423 yen, which is about US\$12,994 at an exchange rate of 102 yen/\$.

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

Fellow 5, Senior Member 13, Member 186, Graduate Student Member 19, Associate Member 14, Student Member 15.

[252 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

At present there are no chapters in our section. Formation of a chapter is under consideration.

B.3 Professional and Continuing Education Activities

We organized and/or co-sponsored the following technical meetings and lectures in 2015.

1. August 7: Special Lecture "Study on Power Converter Using High-quality Power Supply" by Prof. Itaru Ando (Akita National College of Technology)
2. Oct. 3; IEEE Session at the IEICE Shin-Etsu Section Conference.
3. Oct. 31: IEEE Session at the IEEEJ Tokyo Section, Niigata Chapter Technical Meeting.

4. Oct. 31: Special Lecture "Wide Application of Plasma - From the Use of Environmentally-Friendly Energy to the Realization of a Safe and Secure Society", by Prof. Eiki Hotta (Tokyo Institute of Technology).
5. Dec. 17: Lecture "Recent Applications of Atmospheric-Pressure Plasma", by Prof. Takeshita Shinji (National Institute of Technology, Wakayama College)
6. Dec. 17: Lecture "Feature-based Design of Evolutionary Multi-objective Algorithms", by Prof. Arnaud Liefoghe (University of Lille, France)
7. Dec. 25: Lecture "Antennas-Propagation Research and Wireless Systems", by Prof. Toshikazu Hori (University of Fukui)

B.4 Students Activities

At present, there are no student branches in our Section due to the low number of student members. We are encouraging students to join the IEEE and hopefully when there are enough members a student branch can be formed.

B.6 Awards & Recognition Activities

In the Shin-Etsu Section, we presented paper awards to students who presented papers at the IEEE Sessions at the IEICE Shin-Etsu Section Conference and the IEEE Tokyo Section, Niigata Chapter Technical Meeting.

We also financially support students who present papers at international conferences in Japan.

B.7 Communication Activities

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

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

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

PART C - OTHERS

C.1 Relationship with National Societies

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

PART D - GOALS AND PLANS

D.1 Continuation of Project/Activity in Progress and Their Implementation Plans

In 2016, we will continue to provide awards and aid 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 chapter in our section and also a student 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.