

IEEE Sendai Section Annual Report 2015

PART A - SECTION SUMMARY

A.1 Executive Summary

- **Section Highlights**
 - The following technical events were held.
 - Sponsored 2 lecture meetings
 - Special Lecture Meeting by Dr. Masayoshi Esashi, received IEEE Andrew S. Grove Award.
 - Lecture Meeting for Earthquake Disaster Reconstruction “Recent activities on Society and Chapter at Sendai Section”
 - Supported 4 technical events (lecture meeting, symposium, 2workshops)
 - Co-sponsored “2015 Tohoku-Section Joint Convention of Institute of Electrical and Engineers, Japan (TSJC)” at Iwate Prefectural University [27-28 Aug. 2015]
 - The following Administrative Meetings were held.
 - Annual General Meeting
 - 2 times Section Board Meetings
 - 4 times Administrative Officers Meetings
 - Activities for students
 - The English Presentation Seminar on TSJC
 - Student Session on TSJC
 - Sendai Section Student Awards ceremony
 - New Officers and Executive Committee Members (2016-2017) were elected.
- **Section Executive Committee Member List [2016-2017]**
 - **Officers**
 - Chair: Masataka Nakazawa (Tohoku University)
 - Pase Chair: Fumiyuki Adachi (Tohoku University)
 - Vice-Chair: Masayuki Kawamata (Tohoku University)
 - Secretary: Taiichi Otsuji (Tohoku University)
 - Treasurer: Hirofumi Kobayashi (NTT EAST-TOHOKU)
 - **Executive Committee Members**
 - Masashi Imai (Hirosaki University)
 - Yukio Iwaya (Tohoku Gakuin University)
 - Eisuke Kudoh (Tohoku Institute of Technology)
 - Toru Kurabayashi (Akita University)
 - Shin Masuda (Advantest Laboratories Ltd.)
 - Shinya Narita (Iwate University)
 - Toru Shibuya (NEC Communication Systems, Ltd.)
 - Takuo Suganuma (Tohoku University)
 - Teruo Tobana (Akita Prefectural University)
 - Hiroyuki Watanabe (Nihon University)
 - Tetsuya Yuasa (Yamagata University)
 - Qiangfu ZHAO (The University of Aizu)
- **Section Standing Committee**
 - **Student Activities Committee** (Chair: Takuo Suganuma)
 - **Membership Development Committee** (Chair: Taiichi Otsuji)
 - **Chapter Promotion Committee** (Chair: Masayuki Kawamata)
 - **Technical Program Committee** (Chair: Masayuki Kawamata)
- **Awards from IEEE HQ**
 - IEEE Technical Field Awards
 - Dr. Masayoshi Esashi received IEEE Andrew S. Grove Award

A.2 Financial Report

The Sendai Section's finances are in good condition.

Financial summary of 2015FY is as follows;

(All in JPY)

Income/Expense	Item	Budget	Actual
Income	Section Assessment	1,200,000	1,418,310
	Section Rebate (including Chapter Rebate)	600,000	711,346
	Support from Japan Council	250,000	219,157
	Interest	100	220
	Total of Income	2,050,100	2,349,033
Expense	Section Assessment to Japan Council	1,080,000	1,272,399
	Chapter Rebate	110,500	123,536
	Meeting & Social Events	340,000	218,173
	Student Activities	292,000	124,255
	Awards	48,000	113,005
	Management & General Expense	225,000	99,885
	Total of Expense	2,095,500	1,951,253
Balance of year end of 2014		1,002,894	1,002,894
Balance of year end of 2015		957,494	1,400,674

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

Membership Development Committee supported to upgrade to Senior Member.

- 2 members were newly elevated to Senior Member in Sendai Section.
- Total members in the past 3 each years are 695(2015), 701(2014), 705(2013).
- Numbers of membership by grade in 2015 are as follows;

Grade	Members
Fellow	31
Senior Member	71
Member	467
Associate Member	17
Graduate School Member	99
Student Member	10
Total	695

B.2 Chapter Activities

Chapter Promotion Committee supported Chapters activities in Sendai Section.

- The following 4 Chapters are active and have good activities. (Details of the financial
 - **EMC27 Sendai Chapter** held 14 technical meetings, and Colloquium
 - **MAG33 Sendai Chapter** held 7 technical meetings
 - **COM19 Sendai Chapter** held 6 technical meetings
 - **SP01 Sendai Chapter** held 4 technical meetings
- **Magnetics Society Sendai/Sapporo Joint. Sections Chapter was formed on 23 Dec. 2015**

B.3 Professional and Continuing Education Activities

Technical Program Committee arranged following technical meeting on section level.

- Technical Meetings
 - Sponsored
 - Special Lecture Meeting [17 Apr. 2015]
Speaker: Dr. Masayoshi Esashi, received IEEE Andrew S. Grove Award in 2015.
 - Lecture Meeting for Earthquake Disaster Reconstruction [30 Nov. 2015]
Topic: "Recent activities on Society and Chapter at Sendai Section"
 - Cooperated
 - JUNO workshop Future energy- and Spectral-Efficient Ultra-Dense Networks
[23 Feb. 2015, Attendance: 35]
 - JUNO Workshop, Energy- and Spectral-Efficient Ultra-Dense Wireless Networks
[29 Oct. 2015, Attendance: 20]
 - Industry-academia collaboration Symposium for Advanced Engineering Course,
National College of Technology in Tohoku [5 Dec. 2015, Attendance: 204]

- Lecture Meeting “Problem on electromagnetic environment - prevention method against information leakage” [16 Dec. 2015, Attendance: 22]

B.4 Students Activities

- Tohoku University Student Branch is active in Sendai Section.
 - Attended at Japan Council Student Branch Workshop at Waseda University [15-16 May. 2015]
 - Held 2 Technical Meetings
 - Joined as the judge on student session
- Section level student activities
 - Student Session on TSJC (36 presentations)
 - English Presentation Seminar on TSJC (attendance: 74)
 - Key Elements of a Presentation
 - Capturing Immediate Attention
 - Keeping the Audience’s Attention
 - Making Your Slides Work for You
 - Driving Home Your Conclusions
 - Platform Presence and Delivery

B.6 Awards & Recognition Activities

- **Technical Field Awards from IEEE HQ**
 - IEEE Andrew S. Grove Award
 - Dr. Masayoshi Esashi (Tohoku University)
For developments in micro-electro-mechanical systems (MEMS) used in transportation and industrial electronics.
- **Sendai Section Student Awards 2015**
 - The Best Paper Prize
 - Naoki Miyashita (Tohoku University)
 - Yoshihiro Osakabe (Tohoku University)
 - Shuto Shinbo (Tohoku University)
 - Ryuhei Tachika (Hirosaki University)
 - The Encouragement Prize
 - Yutaro Hokari (Tohoku University)
 - Satoru Ishibashi (National Institute of Technology, Hachinohe College)
 - Beiyi Liu (Akita Prefectural University)
 - Chen Ye (Akita Prefectural University)

B.7 Communication Activities

- Home Page of the Section and Chapters
 - **Sendai Section**
<http://www.ecei.tohoku.ac.jp/ieee-sendai/>
 - Chapters
 - **EMC27**
<http://www.topic.ad.jp/emc-sendai/>
 - **MAG33**
<http://www.topic.ad.jp/mag-sendai/>
 - **COM19**
https://webinabox.vtools.ieee.org/wibp_home/index/CH10605
 - **SP01**
<http://www.sps-sendai.org/>
- Sendai Section provided more than 10 times of information of meeting, seminar, and other events for section members via mailing list.

PART C - OTHERS

C.1 Special Events

- 2015 Tohoku-Section Joint Convention of Institute of Electrical and Engineers, Japan (TSJC) was held at Iwate Prefectural University, Takizawa, Iwate [27-28 Aug. 2015]
 - Cosponsored by IEEE Sendai Section
 - 39 sessions
 - 225 presentations (including 36 English presentations in Student Session)
 - 14 organizations joined exhibition
 - Special Lecture Meeting on International Linear Collider (ILC)
 - Sessions organized by a corporation, etc.

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

- Sendai Section is maintaining a good relationship with Tohoku Section of the following 7 National Societies.
 - The Acoustical Society of Japan (ASJ)
 - The Institute of Electrical Engineers of Japan (IEEJ)
 - The Institute of Electronics, Information and Communication Engineers (IEICE)
 - The Institute of Electrical Installation Engineers of Japan (IEIEJ)
 - The Illuminating Engineering Institute of Japan (IEIJ)
 - Information Processing Society of Japan (IPSJ)
 - The Institute of Image Information and Television Engineers (ITE)

PART D - GOALS AND PLANS

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

- Technical Lecture Meetings
- Activities for students
 - Student Session on TSJC
 - Seminar for writing English paper
 - Student Awards
- Student Branch activities
- 2016 Tohoku-Section Joint Convention of Institute of Electrical and Engineers, Japan (TSJC)
- Promotion to elevation to Senior Member, Fellow
- Chapter activities
- Annual general meeting
- Administrative meetings
 - Section Board Meetings
 - Administrative Officers Meetings

D.2 Goals and Future Plans

- Planning for section unique activities by standing committees
- Organizing events for improving skill of members
- Encouragement students
- Promotion to develop Senior Member and Fellow
- Continuously support for chapters activities
- Be more useful for section members