

2011 IEEE Hiroshima Section Activity Report

PART A - SECTION SUMMARY

A.1 Executive Summary

- Held six Technical Meetings and five Administrative Meetings including the General Assembly Meeting. (Details are in the Section B.3)
- Held 13th Hiroshima Student Symposium. (Details are in the Section B.4)

A.2 Financial Report

		(Japanese Yen)
Income	Balance carried forward	¥1,107,420
	Section assessment	¥639,302
	Section rebate	¥301,973
	Support for Travel expense for Section Congress	¥94,562
	Interest	¥159
	Section Support from IEEE Japan Council	¥400,000
	Total of Income	¥2,543,416
Expense	Section assessment	¥638,672
	Expense for administrative meetings	¥42,752
	Expense for technical meetings	¥185,320
	Travel expense for Section Congress	¥254,167
	Section activities	¥26,000
	Support for HISS	¥600,000
	Postage & Supplies	¥0
	Stationary & Bank charge	¥11,740
	Reserve for next year	¥784,765
Total of Expense	¥2,543,416	
End-of-Year Balance		0

A.3 List of Section Officer and Executive Committee Members

Officers [2011-2012]:

Chair: Masashi HOTTA (Yamaguchi University) [Fellow Nomination Committee Chair]

hotta@yamaguchi-u.ac.jp

Vice-Chair: Junichi FUNASAKA (Hiroshima City University)

funa@hiroshima-cu.ac.jp

Secretary: Satoshi TAOKA (Hiroshima University)

taoka@infonets.hiroshima-u.ac.jp

Treasurer: Kensuke OKUBO (Okayama Prefectural University)

[Chapter Promotion Committee Chair]

okubo@c.oka-pu.ac.jp

Executive Committee Members:

Yoko KAMIDOI (Hiroshima City University) [Women in Engineering Committee Chair]
yoko@hirosima-cu.ac.jp

Masayoshi YAMAMOTO (Shimane University) [Industry Relation Committee Chair]
yamamoto@ecs.shimane-u.ac.jp

Toshihiko KIWA (Okayama University)
kiwa@t.okayama-u.ac.jp

Yoshinobu TAMURA (Yamaguchi University)
tamura@yamaguchi-u.ac.jp

Takehiro FUKUSHIMA (Okayama Prefectural University)
[Membership Development Committee Chair]
fuku@c.oka-pu.ac.jp

Tohru YAMAMOTO (Hiroshima University)
[Student Activity Committee Chair]
yama@hiroshima-u.ac.jp

Katsutoshi KONDOH (Tottori University)
kondo@ele.tottori-u.ac.jp

Masato HIRAKAWA (Shimane University) [Past Chair & Award Committee Chair]
hirakawa@cis.shimane-u.ac.jp



2011-2012 Executive Officers of IEEE Hiroshima Section

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Programs

- Number of Members: 483 (Dec. 2011) [+5 from Dec. 2010]
- Due to high retention rate on Dec. 2011, Hiroshima Section selected as one of the Section Growth Incentive Recipient in 2011 from R10.
- Nomination of the membership upgrade; Hiroshima Section nominates two regular members for senior member grade. Upgrade for one applicant is approved by the A & A Review Panel and the other is now under review.

B.2 Chapter Activities

- Total number of Chapters in the Hiroshima Section; 2
Hiroshima Section Chapter, SMC28, Fukuoka/Hiroshima/Shikoku (West Japan) Chapter, EMB18
- a. Activities of EMB West Japan Chapter; Please refer the Fukuoka Section.
- b. Activities of SMC Hiroshima Section Chapter
List of Chapter Officers of SMC [2012-2013]
Chair: Takumi Ichimura (Prefectural University of Hiroshima)
Vice Chair: Kosuke Kato (Hiroshima Institute of Technology)
Secretary: Akira Hara (Hiroshima City University)
Treasurer: Keiichi Tamura (Hiroshima City University)

◇ Technical Lectures

	Date	Title	Attendance*
1	5-Mar-2011	Invited Lecture, Prof. M. K. Luhandjula	10(7)
2	9-Jul-2011	Invited Lecture, Prof. H. Handa	59(17)
3	16-Jul-2011	Invited Lecture, Prof. T. Ichimura	12(5)
4	12-Oct-2011	Workshop on Innovative Soft Computing Methodologies and Applications in SMC2011	20(10)
5	29-Nov-2011	Invited Lecture, Prof. T. Ichimura	54(5)
6	17-Dec-2011	Invited Lecture, Prof. A. Hara	20(12)

◇ Young Researcher Workshop

1	9-Jul-2011	2011 IEEE SMC Hiroshima Chapter Young Researchers' Workshop	59(17)
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*() indicates Number of IEEE members

B.3 Professional and Continuing Education Activities

- 2011 General Assembly of IEEE Hiroshima Section, Jan. 24, 2011 (at Hiroshima)
Attendance: IEEE Members: 18 (letters of attorney; 65)
- Administrative Meetings; 4
 - (1) 2011 the 1st Board of Directors at Hiroshima, Apr. 1, 2011
Attendance: Officers and Executive Committee Members: 13
 - (2) 2011 the 2nd Board of Directors at Okayama, June 10, 2011
Attendance: Officers and Executive Committee Members: 13
 - (3) 2011 the 3rd Board of Directors at Ube, Yamaguchi, Sept. 3, 2011
Attendance: Officers and Executive Committee Members: 13
 - (4) 2011 the 4th Board of Directors at Higashi-Hiroshima, Hiroshima, Nov. 12, 2011
Attendance: Officers and Executive Committee Members: 13

➤ Technical and Educational Lectures; 6

	Date	Title	Attendance*
1	Jan. 20, 2011	Technical Lecture at Yamaguchi (Jointed with IEICE) Title: Two Approaches to Elevator Operation Problems for Optimality and Practicality Speaker: Dr. Tsutomu Inamoto (Kobe University)	55(20)
2	Jan. 24, 2011	Special Lecture at Hiroshima Title: Support for the innovation by the venture capital Speaker: Dr. Teruyoshi MURAKAMI (The University of Tokyo Edge Capital Co., Ltd.)	14(13)

3	May 28, 2011	Lectures for Students at Hiroshima Title: What is IEEE Hiroshima Student Symposium? Subtitle1: A Summary of IEEE Hiroshima Student Symposium (HISS) Speaker1: Dr. Masashi HOTTA (Yamaguchi University) Subtitle2: My Hope for IEEE Hiroshima Student Symposium Speaker2: Mr.Naoki KANNARI (NEC)	49(8)
4	June 10, 2011	Technical Lecture at Okayama Title: Plasmonic Crystals and Metamaterials in the Terahertz Band Speaker: Dr. Fumiaki MIYAMARU (Shinsyu University)	28(13)
5	Sept. 2, 2011	Technical Lecture at Ube, Yamaguchi Title: For Establishing Assurance Network Design Principle Speaker: Prof. Yoshiaki KAKUDA(Hiroshima City University)	27(11)
6	Nov. 16, 2011	Technical Lecture at Okayama (Jointed with Okayama Univ.) Title: Technology for a high responsibility network without a break Speaker: Dr. Kiyoshi Ueda (NTT)	25(20)

*() indicates Number of IEEE members

B.4 Students Activities

- The 13th HISS (IEEE Hiroshima Student Symposium)
 - In November 12 and 13, the 13th HISS is held at Hiroshima University.
 - The 13th HISS consist of one keynote presentation, one panel discussion, one presentation from the company, 7 presentations from academic laboratories, and 143 technical presentations.
 - Attendance: about 563 (sum of two days)
 - Following prizes are awarded;
 - HISS Best Research Award; 1
 - HISS Good Research Award; 18
 - These awards are selected by the Screening Committee of HISS Research Award.
 - HISS Best Presentation Award; 1
 - HISS Good Presentation Awards; 3
 - These are selected by the vote of attendances.
- Recruitment of student members
 - Student members who joined HISS steering committee deserve additional prizes with their contribution awards
 - Establishment of encouragement system for presentation of the student members on the domestic conference.
 - Amend the supporting system for the presentation of the student members on the international symposium or conference. Such active IEEE student members deserve to receive grant (Max: 10,000Yen).
- 10th years anniversary of Yamaguchi University Student Branch (YUSB)
 - Yamaguchi University Student Branch (YUSB) was celebrated the 10th anniversary.

B.6 Awards & Recognition Activities

- 1) IEEE Hiroshima Section presented the Award for the Contributions to Hiroshima Section to two key persons, Dr. T. Ichikawa, the first chair of Hiroshima Section, and Mr. N. Kannari, the first steering committee chair of IEEE Hiroshima Section Student Symposium (HISS) for their contribution to foundation and establishment of HISS.

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

- Section Web site (*in Japanese*): *Official English page is now on renewal*
<http://www.ieee-jp.org/section/hiroshima/>
https://webinabox.vtools.ieee.org/wibp_home/index/R00985 (*Temporary English page*)
- The web page of Yamaguchi University Student Branch: *now on renewal*
- The web page of IEEE SMC chapter in Hiroshima Section:
<http://www.smc-hiroshima.info.hiroshima-cu.ac.jp/eng/>
- The web page of IEEE EMBS West Japan Joint Chapter:
<http://www.ieee-jp.org/section/fukuoka/embwj/>
- 13th HISS website (*in Japanese*):
<http://hiss13th.sakura.ne.jp/>

B.9 Other Organizational Activities

- Fellow Nomination Committee
Nomination for Membership Upgrade; one senior member for Fellow member grade.

PART C – OTHERS

C.1 Relationship with National and International Societies

- In Japan, we have very well-organized national technical societies for electrical, electronic and information engineering, e.g. Institute of Electronics, Information and Communication Engineers (IEICE). They also have local branches as well as the IEEE Sections.
- Hold technical lectures and events in cooperation with other national technical societies, such as IEICE or IEE, Universities and so on, through their local branches around the IEEE Hiroshima Section.

C.2 Best Practices of IEEE Hiroshima Section

- IEEE Hiroshima Section Student Symposium (HISS)
HISS is the one of unique event in IEEE Hiroshima Section whose purpose is to support the growth of students with independence and spirit of enterprise. HISS had two special characteristics; one is that students themselves carry out the planning and management of the symposium and the other is that all the technical papers in HISS are presented by students by the interactive sessions. The main theme of each HISS would be decided by the students. And also, based on the interest with student's point of view, the topics of the Keynote Speech and the Technical Lecture in HISS are selected. The major part of the income of the symposium was obtained by support from Japan Council, Hiroshima Section, Telecommunication Advancement Foundation (TAF), Japan, some sections of domestic technical societies, and presenters' submission fee.

The IEEE Hiroshima Section hope to grow this HISS to surrounding sections and it to be the one of unique event in Japan or R10 in near future.

PART D – GOALS AND PLANS

D.1 Goals

- Our goal is to develop the number of active members.
- We are planning the 14th Hiroshima Student Symposium (HISS) at Okayama.
- We try to find the system for active communications between academic and company members.

D.2 Implementation Plans

- (1) General Assembly
 - Annual meeting plan to hold at Hiroshima on January, 2012.
- (2) Board of Directors
 - Four committee meetings plan to hold at Hiroshima, Okayama, and Tottori.
- (3) The 14th Hiroshima Student Symposium (HISS)
 - The 14th HISS plan to hold at Okayama Prefectural University, Okayama, Japan, on November, 2012.
- (4) Technical Lectures
 - Planning at least 5 Technical Lectures sponsored by IEEE Hiroshima Section
 - Planning at least 4 Technical Lectures and/or Forums co-operated with other National Societies and their Sections in Japan.
- (5) Encouragement of student members
 - Strongly encourage the student members to present their research work at the international and also the domestic conferences or symposium.

D.3 Standing Committees Activities

- (1) Membership Development & Student Activities Committees
 - Promote to join the IEEE at the IEEE Hiroshima Student Symposium (HISS).
 - Encouraging the researchers and also the student in Hiroshima Section to be member or student member of IEEE.
- (2) Student Activity Committee
 - Promotion for the use of a grant (Max.: 10,000JPY) to active IEEE student members. We encourage the student members to present their work at the domestic and/or international symposia.
- (3) Fellow Nomination Committee
 - We encourage the members to upgrade their higher grade membership.
- (4) Award Committee
 - We plan to present the Award for the Contributions to Hiroshima Section.