

2013 IEEE Hiroshima Section Activity Report

PART A - SECTION SUMMARY

A.1 Executive Summary

- Section Highlights
 - Held 9 sponsored, co-sponsored, and supported Technical Events (Lectures, Contest, and Seminars), and 5 Administrative Meetings including the General Assembly. (Details are in the Section B.3)
 - Held the 15th IEEE Hiroshima Student Symposium (HISS). (Details are in the Section B.4)
- List of 2013 Section Executive Committee Members and Officers
 - **Officers [2013-2014]:**
 - Chair:** Kenji Ishida (Hiroshima City University)
ishida@hiroshima-cu.ac.jp
 - Vice-Chair:** Masanobu ABE (Okayama University)
abe@okayama-u.ac.jp
 - Secretary:** Tomoyuki OHTA (Hiroshima City University)
tomoyuki.ohata@ieee.org
 - Treasurer:** Isao NAKANISHI (Tottori University)
nakanishi@ele.tottori-u.ac.jp
 - **Executive Committee Members [2013-2014]:**
 - Hideyuki ICHIHARA (Hiroshima City University)
[Additional Post: Student Committee Chair]
ichihara@hiroshima-cu.ac.jp
 - Nobuyuki Ito (Okayama Prefectural University)
[Additional Post: Fellow Committee Chair]
nobby@c.oka-u.ac.jp
 - Yoshio IWAI (Tottori University)
[Additional Post: Student Committee Chair]
iwai@ike.tottori-u.ac.jp
 - Kazuhiro FUJIMORI (Okayama University)
fujimori@okayama-u.ac.jp
[Additional Post: Membership Development Committee Chair]
 - Takahiro MATSUMOTO (Yamaguchi University)
[Additional Post: Educational Activities Chair]
matugen@yamaguchi-u.ac.jp
 - Hiroaki MUKAIDANI (Hiroshima University)
[Additional Post: Educational Activities Chair]
mukaida@hiroshima-u.ac.jp
 - Toshiyuki YOSHIDA (Shimane University)
[Additional Post: Chapter Promotion Committee Chair]
yosisi@ecs.shimane-u.ac.jp
 - Masashi HOTTA (Yamaguchi University)
[Past Chair, Additional Post: Award & Recognition Committee Chair]
hotta@yamaguchi-u.ac.jp

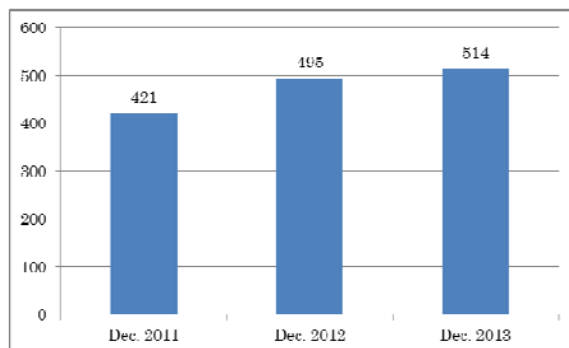
A.2 2013 Financial Report

		(Japanese Yen)
Income	Balance carried forward	721,387
	Section assessment	879,301
	Distinguished Small Section Award	96,630
	Section rebate	443,156
	Interest	176
	Section Support from IEEE Japan Council	240,000
	Total of Income	2,380,650
Expense	Section assessment	878,671
	Chapter rebate for SMC28 (\$200.00-)	27,299
	Expense for administrative meetings	24,911
	Expense for technical meetings	70,675
	Travel expense for Section Congress	0
	Section activities	3,000
	Support for HISS	370,568
	Postage & Supplies	800
	Stationary & Bank charge	23,610
	Reserve for next year	981,116
Total of Expense	2,380,650	
End-of-Year Balance		0

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Number of Members @ Dec. 2013: 514 [+19 from Dec. 2012]
 Number of Members @ Dec. 2012: 495 [+74 from Dec. 2011]
 Number of Members @ Dec. 2011: 421
 * Excepting the number of Associate Members



Transition of number of members in Hiroshima Section.

B.2 Chapter Activities

- Total number of Chapters in the Hiroshima Section; 2
 - a) Fukuoka/Hiroshima/Shikoku (West Japan) Chapter, EMB18
Activities of EMB West Japan Chapter; Please refer the Fukuoka Section.
 - b) Hiroshima Section Chapter, [SMC Hiroshima Chapter], SMC28
[Activities of SMC Hiroshima Section Chapter]
 - ✧ List of Chapter Officers of SMC [2013-2014]
 - Chair: Takumi ICHIMURA (Prefectural University of Hiroshima)
 - Vice Chair: Akira HARA (Hiroshima City University)
 - Secretary: Keiichi TAMURA (Hiroshima City University)
 - Treasurer: Tetsuya SHIGEYASU (Prefectural University of Hiroshima)

B.2-b)-I. Technical Activities(SMC):

- Quality and quantity of activities and programs sponsored by the chapter

	Meeting date	Title	Type	Number of participants (*
1	13 July, 2013	Invited Lecture, Prof. T. Takahama	Technical	98(45)
2	13 July, 2013	2013 IEEE SMC Hiroshima Chapter Young Researchers' Workshop	Technical	98(45)
3	13 July, 2013	2013 IEEE 6th International Workshop on Computational Intelligence and Applications (IWCIA)	Technical	48(30)
4	15 Oct., 2013	Workshop on Innovative Technologies and Applications in Computer Intelligence in SMC2013	Technical	50(30)
5	30 Nov., 2013	2013 IEEE SMC Hiroshima Chapter Workshop	Technical	42(18)
6	30 Nov., 2013	Invited Lecture, Prof. T. Takahama	Technical	42(18)
7	14 Dec., 2013	Invited Lecture, Prof. M. Kanoh	Technical	23(12)
8	14 Dec., 2013	Invited Lecture, Prof. M. Ichimura	Technical	23(12)

(* Number of participants of IEEE members)

B.2-b)-II. Educational Activities(SMC):

An educational program offering at least one tutorial, short course, lecture series, or other activity directly related to the tutorial education of its members.

B.2-b)-III. Membership Communication and Advancement(SMC)

Growth of chapter membership

Membership at last status report submitted	Current Membership	% Growth
66	72	+9%

Other detailed activities report of SMC Hiroshima chapter can be found at following website.

<http://www.smc-hiroshima.info.hiroshima-cu.ac.jp/eng/>

B.3 Professional and Continuing Education Activities

- 2013 General Assembly of IEEE Hiroshima Section, Jan. 31, 2013 (Hiroshima Garden Palace)
Attendance: IEEE Members: 19 (letters of attorney; 56)
- Administrative Meetings; 4
 - (1) The 1st Board of Directors on April 4, 2013 (Hiroshima City Youth Center)
Attendance: Officers and Executive Committee Members: 13
 - (2) The 2nd Board of Directors on June 1, 2013 (Tottori University)
Attendance: Officers and Executive Committee Members: 13
 - (3) The 3rd Board of Directors on Sept. 9, 2013 (Okayama University)
Attendance: Officers and Executive Committee Members: 13
 - (4) The 4th Board of Directors on Nov. 16, 2013 (Tottori University)
Attendance: Officers and Executive Committee Members: 13

➤ Lectures and Events

(1) Section sponsored Technical and Educational Lectures; 5

	Date	Title	Attendance*
1	31 Jan., 2013	Special Lecture at Hiroshima Title: The Present and Future of Wireless Power Transfer Speaker: Dr. Ikuo Awai (Ryutech Corporation) Location: Hiroshima Garden Palace, Hiroshima, Hiroshima, Japan	17(16)
2	1 June, 2013	Technical Lectures for Students at Tottori Title: Go far in IEEE Hiroshima Student Symposium 2013 Speaker: Prof. Masashi HOTTA (Yamaguchi University) Location: Tottori University, Tottori, Tottori, Japan	25(10)
3	16 Nov., 2013	Technical Lectures at Tottori Title: The present security in cyberspace and the situation over the international framework Speaker: Mr. Takahiro Sasaki (JAPAN SELF DEFENSE FORCE HIROSHIMA PROVINCIAL COOPERATION OFFICE) Location: Tottori University, Tottori, Tottori, Japan	249(45)
4	17 Nov., 2013	Technical Lecture at Tottori Title: Human friendly partner robots Organizer: Prof. Yoshio Iwai(Tottori University), Panelist: Prof. Shigeki Nakayama (Yonago National College of Technology), Mr. Kazuaki Nakamura(Okayama Prefectural University), Mr. Hiroshi Takahashi(Hiroshima City University) Location: Tottori University, Tottori, Tottori, Japan	171(45)
5	16-17 Nov., 2013	Technical Symposium at Tottori Title: The 15th IEEE Hiroshima Student Symposium (HISS) Location: Tottori University, Tottori, Tottori, Japan	420(45)

(2) Section co-sponsored or supported Technical Events; 4

1	3 Oct., 2013	Co-sponsored Technical Lectures - Organized by Hiroshima City University Title: Promotion of Practical Research and Development in the Field of Ad Hoc Networks Speaker: Prof. Kenichi Mase (Niigata University) Location: Hiroshima City University, Hiroshima, Hiroshima, Japan	54(8)
2	24 Dec., 2013	Co-sponsored Technical Lectures - Organized by Yamaguchi University Title: Three-Dimensional Complementary Coded Multi-User MIMO Systems Speaker: Prof. Hsiao-Hwa Chen (National Cheng Kung University, IEEE Fellow) Location: Yamaguchi University, Ube, Yamaguchi, Japan	104(4)
3	5 March, 2013	Supported Technical Event - Organized by Hiroshima University Title: International Workshop on Nanodevice Technologies 2013 Location: Hiroshima University, Higashi-Hiroshima, Hiroshima, Japan	
4	17 Nov., 2012	Supported Technical Event - Organized by IEICE Chugoku Section Title: Student "KEITAI" Award 2013 – Contest of Novel Idea and Applications for Mobile Phone and Tablet – Location: Tottori University, Tottori, Tottori, Japan	

*() indicates Number of IEEE members

B.4 Students Activities

- The 15th IEEE Hiroshima Student Symposium (HISS)
 - In November 16 and 17, the 15th HISS was held at Tottori University, Tottori, Tottori, Japan. The number of attendance for the 15th HISS is about 420 (sum of two days). The contents of this symposium are as follows;
 - One keynote lecture and One panel discussion
 - 3 presentation from industrial company
 - 6 presentations from academic laboratories
 - One get together meeting for the students
 - Technical presentations (Number of Technical Presentations: 170)
 - On this symposium, following prizes are awarded;
 - (a) Selected by the Nomination Committee of HISS Research Award.
 - HISS Best Research Award; 1
 - HISS Good Research Award; 19
 - (b) Selected by the vote of attendances.
 - HISS Best Presentation Award; 1
 - HISS Good Presentation Awards; 3
- 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).
- Total number of Student branches in Hiroshima Section: 1
 - Yamaguchi University Student Branch (YSB)
 - ✧ List of 2013 Officers of YSB
 - Chair: Hidenori TANAKA
 - Vice-chair: Masaki YAMANE
 - Treasurer: Naoki YAMAMOTO
 - Secretary: Shin-ichi NORIYASU
- Number of Student branches formed in the current year: 0

B.6 Awards & Recognition Activities

- Award constituted by the section
 - The 15th HISS Distinguished Contribution Award: 16 students**
 - The 15th HISS Distinguished Service Award: 26 students**



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

- Section Web site
 - <http://www.ieee-jp.org/section/hiroshima/index.html> (in Japanese)
 - <http://www.ieee-jp.org/section/hiroshima/index-e.html> (in English)
- The web page of Yamaguchi University Student Branch:
<http://www.ieee-jp.org/section/hiroshima/YSB/> (will be appeared soon)
- 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/>
- The 15th HISS website (in Japanese):
<http://hiss15th.sakura.ne.jp/>

PART C - OTHERS

C.1 Relationship with National 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 co-operation with other national technical societies, such as IEICE or IEEJ (The Institute of Electrical Engineers of Japan) and so on, through their local branches around the Hiroshima Section, and also Universities.

C.2 Special Events

- 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 students' 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, Electric Technology Research Foundation of Chugoku, 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 Continuation of Project/Activity in Progress and Their Implementation Plans

- (1) General Assembly
 - Annual meeting plan to hold at Hiroshima on January 28, 2014.
- (2) Board of Directors
 - Four committee meetings plan to hold.
- (3) The 16th Hiroshima Student Symposium (HISS)
 - The 16th HISS plan to hold at Hiroshima City University, Hiroshima, Japan on November, 2014.
- (4) Technical Lectures
 - Planning at least 5 Sponsored Technical Lectures and at least 6 co-sponsored or supported Technical Lectures and/or Forums with other National Societies 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.2 Goals and Future Plans

- Our goal is to develop the number of active members and to be a useful organization for already existing members.
- We are planning the 16th Hiroshima Student Symposium (HISS) at Hiroshima.
- We try to find the system for active communications between academic and company members.

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.
 - We plan to establish new student branch and also encourage the activities of existing student branch.
- (3) Fellow Nomination Committee
 - We encourage the members to upgrade their higher grade membership.
- (4) Award Committee
 - We plan to present the Section Contribution Award to the Contributors for Hiroshima Section.