

2014 IEEE Shikoku Section Report

PART A - SECTION SUMMARY

A.1 Executive Summary

- Section Executive Committee Member List
 - Chair: Shinsuke Konaka (The University of Tokushima)
konaka@ee.tokushima-u.ac.jp
 - Vice chair: Hiroyuki Tarumi (Kagawa University)
tarumi@ee.tokushima-u.ac.jp
 - Secretary: Masatake Akutagawa (The University of Tokushima)
makutaga@ee.tokushima-u.ac.jp
 - Treasurer: Takahiro Emoto (The University of Tokushima)
emoto@ee.tokushima-u.ac.jp
 - Membership Development Chair: Hiroshi Kai (Ehime University)
kai@cs.ehime-u.ac.jp
 - Student Activities Chair: Hiroyuki Sawada (Kagawa University)
sawada@eng.kagawa-u.ac.jp
 - Nominations Activities Chair: Makoto Iwata (Kochi University of Technology)
iwata.makoto@kochi-tech.ac.jp
 - Professional Activities Chair: Yukinobu Hoshino (Kochi University of Technology)
hoshino.yukinobu@kochi-tech.ac.jp
 - Past Chair: Shinji Tsuzuki (Ehime University)
tsuzuki@ee.ehime-u.ac.jp

- Section Highlights
 - Held 14 technical meetings, 5 lectures for student education (including chapter activities)
 - Supported activities of student branches of Kagawa University and Tokushima University and IEEE Shikoku Section Kochi Student Group
 - Student branches meeting with IEICE at SJCIEE 2014

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

A) Summary (as per submitted L50)	
Income	2,510,942 Yen
Expense	653,866 Yen
Balance	1,857,076 Yen

PART B - ORGANIZATIONAL ACTIVITIES

[Annual General Meetings]

Sep. 13, 2014, in Tokushima

Attendance: 8, (attendance by proxy: 26)

[Administrative Meetings]

(1) Feb. 19, 2014

Section Executive Committee Meeting (by e-mail, Attendance: 9)

(2) Feb. 25, 2014

Section Executive Committee Meeting (by e-mail, Attendance: 9)

(3) Mar. 11, 2014

Section Executive Committee Meeting (by e-mail, Attendance: 10)

(4) May 20, 2014

Executive Committee Meeting of SJCIEE 2014 (in Tokushima, Attendance: Member 3, Guests: 15)

(5) May 21, 2014

Section Executive Committee Meeting (in Tokushima, Attendance: 8)

(6) Jul. 7, 2014

Section Executive Committee Meeting (by e-mail, Attendance: 11)

(7) Jul. 9, 2014

Section Executive Committee Meeting (by e-mail, Attendance: 11)

- (8) Aug. 8, 2014
Executive Committee Meeting of SJCIEE 2014 (by e-mail, Attendance: Member 3, Guests: 15)
- (9) Sep. 13, 2014
Section Executive Committee Meeting (in Tokushima, Attendance: 6)
- (10) Nov. 25, 2014
Section Executive Committee Meeting (by e-mail, Attendance: 11)
- (11) Dec. 18, 2014
Executive Committee Meeting of SJCIEE 2014 (in Tokushima, Attendance: Member 3, Guests: 15)

[Technical Meetings]

- (1) 2014 Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers
Date: Sep. 14, 2014
Attendance: Members: 42, Guests: 531

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
255 (Jan. 31, 2015)
281 (Feb. 18, 2014)
302 (Dec 31, 2012)

B.2 Chapter Activities

- Total number of Chapters in the Section
 - 1 (CAS)
 - 1 (EMB Joint Chapter with Fukuoka and Hiroshima Sections)
- Number of Chapters formed in the current year
 - 0
- Number of Active Chapters
 - 2
- Summary of Chapter activities chapter wise with attachment table / information
 - 5 meetings with CAS sponsorship
 - 7 meetings with CAS co-sponsorship
- Administrative Meetings
 - Aug. 8, 2014
Chapter Executive Committee Meeting (in Tokushima, Attendance: 9)
 - Dec. 25, 2014
Chapter Executive Committee Meeting (in Tokushima, Attendance: 7)
- Technical Meetings
 - (1) IEICE Shikoku Section Lecture
Lecturer: Fei Wang (Northeastern University, China).
Title: Rehabilitation robot; from mechatronics to biological human-machine interaction.
Date: Feb. 26, 2014
Attendance: Members 4, Guests 16
 - (2) IEEE Circuits and Systems Society DLP Lecture
Lecturer: Robert Chen-Hao Chang (National Chung Hsing University, Taiwan).
Title: Embedded System Design for Intelligent Car Safety Monitoring Applications.
Date: Aug. 25, 2014
Attendance: Members 25, Guests 15
 - (3) IEICE Technical Workshop on NLP
Date: Oct. 16, 2014
Attendance: Members 32, Guests 51
 - (4) IEEE CASS Shikoku Chapter YP and Student Member Meeting
Date: Nov. 15, 2014
Attendance: Members 36, Guests 3
 - (5) IEEE CASS Shikoku and Shanghai Chapters Joint Workshop on Circuits and Systems (SSJW'14)
Date: Nov. 16, 2014
Attendance: Members 20, Guests 6
 - (6) IEICE Shikoku Section Lecture
Lecturer: Zhenqi Wei (Shanghai Jiaotong University, China).
Title: High-Efficient Queue-Based Spin Locks for Network-on-Chip Processors.

- Date: Nov. 16, 2014
Attendance: Members 18, Guests 10
- (7) IEICE Shikoku Section Lecture
Lecturer: Peilin Liu (Shanghai Jiaotong University, China).
Title: Indoor Positioning Technology for Pedestrians.
Date: Nov. 16, 2014
Attendance: Members 18, Guests 10
- (8) IEICE Shikoku Section Lecture
Lecturer: Maciej Ogorzalek (Jagiellonian University, Poland).
Title: 3D Integrated Systems-on-Chip - New Technologies and New Challenges.
Date: Nov. 22, 2014
Attendance: Members 21, Guests 10
- (9) IEICE Shikoku Section Lecture
Lecturer: Hiroaki Kurokawa (Tokyo University of Technology, Japan).
Title: Network Estimation by Heuristic Methods.
Date: Dec. 11, 2014
Attendance: Members 38, Guests 15
- (10) IEICE Shikoku Section Lecture
Lecturer: Mamoru Tanaka (Sophia University, Japan).
Title: Chaotic Tone Generator and Sound Dynamics Program.
Date: Dec. 11, 2014
Attendance: Members 35, Guests 13
- (11) IEEE Workshop on Nonlinear Circuit Networks (NCN'14)
Date: Dec. 12, 2014
Attendance: Members 43, Guests 28
- (12) IEEE Workshop on Nonlinear Signal Processing (NSP'14)
Date: Dec. 17, 2014
Attendance: Members 26, Guests 5

B.3 Professional and Continuing Education Activities

[Technical Meetings]

- (1) IEEE Shikoku Section Lecture
Lecturer: Momoyo Ito (Tokushima University)
Title: Deep learning in the field of pattern recognition
Date: Dec. 18, 2014
Attendance: Members 4, Guests 21

B.4 Students Activities

- Total number of Student branches in the Section
- 2 (Kagawa University and The University of Tokushima)
- Number of Student branches formed in the current year
- 0
- Section level student activities (student congress, paper and other contests, awards etc)
 - English presentation brush-up seminars
 - (1-a) Ehime University
Date: Jul. 26, 2014
Lecturer: Heffernan Neil (Ehime University)
Attendance: Members: 2, Guests: 20
 - (1-b) Ehime University
Date: Sep. 2, 2014
Lecturer: Heffernan Neil (Ehime University)
Attendance: Members: 3, Guests: 21
 - (2) Kagawa University
Date: Jul. 26, 2014
Lecturers: Gerardine McCrohan, Ian Willey, Peter Lutes (Kagawa University), Najma Janjua (Kagawa Prefectural University of Health Sciences)
Attendance: Members: 5, Guests: 45
 - (3) Kochi University of Technology
Date: Sep. 5, 2014
Lecturer: Masahiro Nagasaki (Kochi University of Technology)
Attendance: Members: 1, Guests: 11

(4) Tokushima University

Date: Sep. 5, 2014

Lecturer: Don Weiss (Tokushima University)

Attendance: Members: 2, Guests: 6

- Recruitment of student members
Shikoku Section recommended the students who entered the student paper contest at Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers (SJCIEE) to be student members.
- Student paper contest
11 students who did excellent presentation (in Japanese) at SJCIEE were given “Best Presentation Award”. They were selected out of 333 students.
1 IEEE student who did excellent presentation (in English) at SJCIEE was given “Best English Presentation Award”. They were selected out of 333 students.
Further information is available at <http://www.sjciee.org/>

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

- Home Page of the section (give the URL and frequency which it is updated)
Section Home Page:
<http://www.ieee-jp.org/section/shikoku/>
IEEE CAS Society, Shikoku Chapter:
<http://ieee-scas.is.tokushima-u.ac.jp/>
IEEE EMBS Society, West Japan Chapter:
<http://www.ieee-jp.org/section/fukuoka/embwj/>
Kagawa University Student Branch Web site:
http://www.eng.kagawa-u.ac.jp/~ieee_kgw/
Tokushima University Student Branch Web site:
<http://ieee-sb.is.tokushima-u.ac.jp/>
- Other means of contacts with section members
E-mail: ieee.shikoku@gemini.ee.tokushima-u.ac.jp

PART C - OTHERS

C.2 Relationship with National Societies

- Co-sponsorship for Technical meetings
 - Technical meetings (2)-(8), (10), (14)-(16) with IEICE
 - A technical convention with IEEJ, IEICE, IPSJ, IEIJ, ITE, SICE, IEIEJ
- Co-sponsorship for Student branch exchange meetings with IEICE
 - 2 IEEE student branches, 1 Shikoku Section Student Group and 3 IEICE student branches

PART D - GOALS AND PLANS

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

- Committee Meetings
 - 4 meeting in May, September and December
 - 7 meetings by email
- Annual Meetings
 - Took place in September
- Technical Conference/Meetings
 - Technical Convention
2014 Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers in September 14, 2014 at The University of Tokushima
 - Technical Meetings
Meetings in cooperation with national societies
- Membership Development
 - Encouragement of upgrade to senior members

- Promotion of IEEE student membership
- Cooperation with CAS Shikoku Chapter and EMB West Japan Chapter
- Student Activities
 - Promotion of IEEE student membership
 - Student branches meeting with IEICE
 - Encouragement of English presentation
- Nominations
 - Support to upgrade fellow or senior Member

D.2 Goals and Future Plans

- Our goal is making the dissemination of IEEE Shikoku section using the Internet effectively and supporting the promotion of student branches activities.