

IEEE Kansai Section

Section Report

Hidetoshi Onodera
Chair of the IEEE Kansai Section
Kyoto University

PART A. SECTION SUMMARY

A-1 Executive Summary

The IEEE Kansai Section was established in November 1998. As of December 31, 2012, the Kansai Section comprised of 2,372 members (see Item B-1), increase of 56 members since December 31, 2011.

In 2012 the Section had six executive committee meetings, an annual section meeting and six technical lectures. In 2013 the Section has already had an annual section meeting and two executive committee meetings.

A-2 Financial Report

The Section's Finances are in good condition. See the attached Table 1 in ANNEX I.

A-3 List of Section Officers and Executive Committee Members (2013 - 2014)

Section Officers:

Chair:
Hidetoshi Onodera (Kyoto University)

Vice-Chair:
Naonori Ueda (Nippon Telegraph and Telephone Corporation)

Secretary:
Takeshi Yamada (Nippon Telegraph and Telephone Corporation)

Treasurer:
Takayuki Suyama (Nippon Telegraph and Telephone Corporation)

Executive Committee Members:

Membership Development Committee Chair:
Takeshi Ogura (Ritsumeikan University)

Nominations Committee Chair:
Toshiharu Sugie (Kyoto University)

Student Activities Committee Chair:
Yoshinobu Kajikawa (Kansai University)

Technical Program Committee Chair:
Shinji Tanabe (Mitsubishi Electric Corp.)

Awards Committee Chair:
Shinji Kusumoto (Osaka University)

Chapter Operations Committee Chair:
Takao Onoye (Osaka University)

Past Chair:
Shigeru Katagiri (Doshisha University)

Past Vice-Chair:
Atsushi Yano (Sumitomo Electric Industries, Ltd.)

Past Secretary/Treasurer:
Toru Murase (Sumitomo Electric Industries, Ltd.)

Past NC Chair:
Yutaka Yamamoto (Kyoto University)

Past TPC Chair:
Tomohiro Nakatani (Nippon Telegraph and Telephone Corporation)

A-4 List of Chapter Officers (2013-2014)

EDS (Electron Devices Society) Kansai Chapter

Chair: Yukiharu Uraoka (Nara Institute of Science and Technology)
Vice-Chair: Takashi Nakamura (Rohm Co., Ltd.)
Secretary: Toshihiko Maemoto (Osaka Institute of Technology)
Treasurer: Ken Nakahara (Rohm Co., Ltd.)

SSCS (Solid-State Circuits Society) Kansai Chapter

Chair: Minoru Fujishima (Hiroshima University)
Vice-Chair: Hideto Hidaka (Renesas Electronics Corp.)
Secretary: Takeshi Yoshida (Hiroshima University)
Treasurer: Koji Kai (Panasonic Corp.)

CASS (Circuits and Systems Society) Kansai Chapter

Chair: Masahiro Numa (Kobe University)
Vice-Chair: Yasuaki Kuroe (Kyoto Institute of Technology)
Secretary: Masahiro Wada (Konan University)
Treasurer: Hiroyuki Ochi (Kyoto University)

APS (Antennas and Propagation Society) Kansai Chapter

Chair: Tadahiko Maeda (Ritsumeikan University)
Vice-Chair: Tokio Taga (Kwansei Gakuin University)
Secretary: Atsushi Yamamoto (Panasonic Corp.)
Treasurer: Hidehisa Shiomi (Osaka University)

COMS (Communications Society) Kansai Chapter

Chair: Hiroyuki Kumazawa (Mitsubishi Electric Corp.)
Vice-Chair: Minoru Okada (Nara Institute of Science and Technology)
Secretary: Takeshi Higashino (Nara Institute of Science and Technology)
Treasurer: Kazuo Kumamoto (Osaka Institute of Technology)

CS (Computer Society) Kansai Chapter

Chair: Hiroyuki Tomiyama (Ritsumeikan University)
Vice-Chair: Yoshio Okada (IBM Japan)
Vice-Chair: Hideaki Minamide (Mitsubishi Electric Corp.)
Secretary: Akihiko Inoue (Panasonic Corp.)
Treasurer: Tomonori Izumi (Ritsumeikan University)

MTTS (Microwave Theory and Techniques Society) Kansai Chapter

Chair: Yohei Ishikawa (Kyoto University)
Vice-Chair: Toshio Ishizaki (Ryukoku University)
Secretary: Yasushi Horii (Kansai University))
Secretary: Tetsuya Ueda (Kyoto Institute of Technology)
Treasurer: Shoichi Kitazawa (Advanced Telecommunications Research Institute International)

PHOS (Photonics Society (formerly LEOS)) Kansai Chapter

Chair: Susumu Noda (Kyoto University)
Vice-Chair: Kazuyoshi Itoh (Osaka University)
Secretary: Atsushi Sugitatsu (Mitsubishi Electric Corp.)
Treasurer: Tomoaki Kato (NEC Corp.)

SPS (Signal Processing Society) Kansai Chapter

Chair: Atsushi Nakamura (Nippon Telegraph and Telephone Corp.)
Vice-Chair: Hiroshi Sawada (Nippon Telegraph and Telephone Corp.)
Secretary: Takaaki Hori (Nippon Telegraph and Telephone Corp.)
Treasurer: Tomoki Toda (Nara Institute of Science and Technology)

CES (Consumer Electronics Society) Kansai Chapter

Chair: Tadashi Sakamoto (Renesas Solutions Corp.)
Vice-Chair: Akiko Yoshida (Sharp Corp.)
Secretary/Treasurer:
Tomohiro Hase (Ryukoku University)

CSS (Control Systems Society) Kansai Chapter

Chair: Kenji Sugimoto (Nara Institute of Science and Technology)
Vice-Chair: Tomomichi Hagiwara (Kyoto University)
Secretary: Kiminao Kogiso (Nara Institute of Science and Technology)
Treasurer: Yoshio Ebihara (Kyoto University)

A-5 Administrative Meetings

The Kansai Section had the following six executive committee meetings in 2012.

1. 1st executive committee meeting Date: January 16
Place: Sumitomo Building Attendees: 11
Issue: 2012 Annual Meeting of Kansai Section

2. 2nd executive committee meeting Date: February 14
Place: Sumitomo Building Attendees: 9
Issues: 2012 Annual Meeting of Kansai Section
Annual reports, Section support by Japan Council

3. 3rd executive committee meeting Date: May 11
Place: Sumitomo Building Attendees: 12
Issues: Meeting report of the 1st Japan Council Excom meeting
Meeting report of the Region 10 annual meeting
Assignment of ENC Chair, Technical Tour of Japan
Meeting report of the MDC/SAC joint meeting

4. 4th executive committee meeting Date: June 29
Place: Sumitomo Building Attendees: 12
Issues: Interim Action Report of Kansai Section
Assignment of ENC Committees, Kansai LMAG
Report of Technical Tour of Japan, Interim financial report

5. 5th executive committee meeting Date: September 10
Place: Sumitomo Building Attendees: 11
Issues: Meeting Report of the 2nd Japan Council Excom meeting
Kansai Section GOLD Award and Kansai Section Student Paper Award
LMAG activities, English Presentation Competition
Section chapter

6. 6th executive committee meeting Date: December 19
Place: Sumitomo Club Attendees: 11
Issues: 2012 activities and 2013 plans of Kansai Section, Committees and Chapters
Examination results of Kansai Section GOLD Award
Examination results of Kansai Section Student Paper Award
2012 new Senior Members
2013 new Fellows
Meeting Report of the 3rd Japan Council

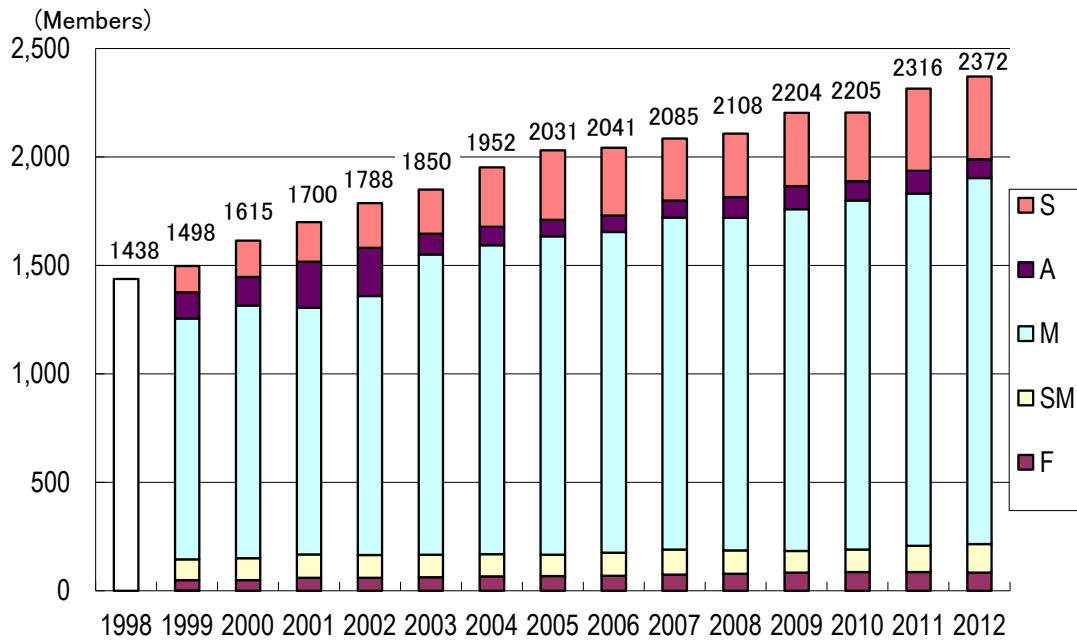
Part B. Organizational Activities in 2012

B-1 Membership Development Committee

The Chair of the Membership Development Committee encourages committee members to recruit new members. The numbers of the various types of members in the Section as of December 14, 2012 are as follows:

Grade	Grade Code	Number
Honorary Member	HM	0
Life Fellow	LF	44
Fellow	F	40
Life Senior Member	LS	10
Senior Member	SM	121
Pending Senior Member	PS	0
Life Member	LM	59
Member	M	1,629
Pending Member	PM	0
Life Associate	LA	0

Associate Member	AM	87
Graduate Student Member	GSM	314
Student Member	StM	68
Total		2,372
IEEE Society Affiliate	AF	144



The Membership Development Committee has actively pursued the following projects to increase the number of IEEE members in the Kansai Section.

1. Announce the benefits of IEEE membership.
2. Increase the number of Senior Members in the Kansai Section. (Statistics indicate that Senior Members have a higher probability of maintaining their membership.)

For this reason, the Kansai Section gives the IEEE Kansai Section Medal to new Senior Members and provides an application for Senior Member grade on our website.



Photo 1. IEEE Kansai Section Medal recipients

The IEEE Kansai Section Medal is presented to new Senior Members. The medal is designed with a portrait of Gennai Hiraga, who was a multi-talented person, especially known as writer and inventor in Edo era, and assembled Japan's first electrostatic generator (called Elekiter), which used the power of friction to generate electricity. We presented the medals to eleven new Senior Members at the annual section meeting on February 12, 2013.

B-2 Nominations Committee

The Nominations Committee asked Fellow members in the Kansai Section to recommend Fellow upgrade candidates. Two members were endorsed from the Kansai Section, but unfortunately resulting in no new Fellows in the Kansai Section in 2013. We sent Emails to all Senior Members to inform the procedure for Fellow membership. We also published the procedure on the Section Web page.

B-3 Student Activities Committee

The Student Activities Committee planned the Kansai Section Student Paper Award to encourage student members of the Kansai Section in their research activities of presenting excellent papers at IEEE international conferences and in IEEE Transactions. In cooperation with the Awards Committee, we selected 7 award winners in 2012.

The Kansai Section has six student branches: Osaka University, Kyoto University, Ritsumeikan University, NAIST (Nara Institute of Science and Technology), the University of Hyogo, and Kansai University. In order to extend their activities, Doshisha University branch is planned to be organized (and it has been approved in January 2013). These branches held a Student Branch Exchange Meeting in December 2012 at Osaka University as done in the past. The Student Branch of Ritsumeikan University held its annual English Presentation Competition in October 2012. It had 20 presentations in total and 74 attendees joined from student branches of the Kansai Section. Excellent presenters were awarded a special prize by the Student Activities Committee.

Furthermore, we held joint meetings with the Membership Development Committee and provided activity support for GOLD Award members and female members.

B-4 Awards Committee

The Awards Committee established the IEEE Kansai Section GOLD Award in 2001. Since 2009, this award is presented not only to students or younger researchers, but also to younger corporate engineers who contribute to IEEE Kansai Section activities. The 2012 Kansai Section GOLD Award and the IEEE Kansai Section Medal engraved with the awardee's name, was presented to Mr. Yoshiki Higo (Osaka University) at the annual section meeting on February 12, 2013.

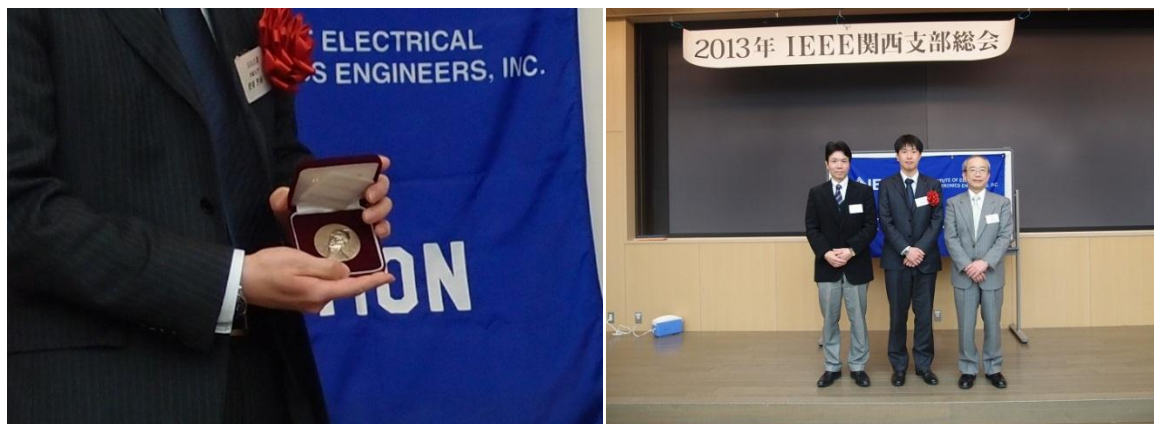


Photo 2. IEEE Kansai Section GOLD Award

In 2004, we also established a new award for students, the Kansai Section Student Paper Award. This award is for student members who present their research results at IEEE international conferences or in IEEE Transactions. We selected 7 winners of this award in 2012.



Photo 3. IEEE Kansai Section Student Paper Award

The IEEE Kansai Section Student Paper Award was presented to the 7 winners in a commendation ceremony at the annual section meeting on February 12, 2013.

B-5 Chapter Operations Committee

The Chapter Promotion Committee was established in 2006 and later reorganized as the Chapter Operations Committee in 2008 with the aim of organizing new chapters and supporting chapters in the Kansai Section. In addition to the three existing chapters, four new Kansai Chapters in 2006, two Kansai Chapters in 2007, and one new Chapter in 2008 were formed. In 2011, the Control Systems Kansai Chapter was formed. At present, the Kansai Section has eleven Kansai Chapters in all.

B-6 Professional Activities by Technical Program Committee

Lectures:

1. Lecturers: Dr. Naonori Ueda (NTT Corp.)
Dr. Kazuo Kyuma (Mitsubishi Electric Corp., IEEE fellow)
Title: Technology Strategy for Global/Cyber Physical Age
Date: January 25, 2012
Place: TKP Osaka Honmachi Business Center
2. Lecturer: Prof. Syuichi Adachi (Keio University)
Title: Commemorative Lecture for the Establishment of
IEEE Control Systems Society (CSS) Kansai Chapter
Date: March 16, 2012
Place: Nara Prefectural Culture Hall
3. Lecturers: Prof. Tulay Adali (University of Maryland)
Dr. Mike Schuster (Google)
Title: CREST Symposium on Human-Harmonized Information
Technology --- Behavior, Interaction, Music, and UGC ---
Date: April 2, 2012
Place: Kyoto University Clock Tower Centennial Hall
4. Lecturers: Dr. Anthony Vetro (Mitsubishi Electric Research, IEEE fellow)
Dr. Petros T. Boufounos (Mitsubishi Electric Research)
Title: Compressive Sensing in Practice
Date: April 3, 2012
Place: NTT Keihanna Building
5. Lecturers: Prof. Kukjin Chun (Seoul National University)
Title: A Case Study of IT Convergence: Multi Mode/Band Transceiver
Date: July 20, 2012
Place: Osaka University
6. Lecturers: Mr. Deepak Mathur (Oil and Natural Gas Corporation Ltd.)
Title: Humanitarian Technology
Date: August 2, 2012
Place: Kyoto University

Workshops in cooperation with other institutes:

- IMFEDK2012 (International Meeting for Future of Electron Devices, Kansai)
Dates: May 9-12, 2012
Place: Centenary Memorial Hall of Kansai University, Osaka, Japan
- Kansai-section Joint Convention of Institutes of Electrical Engineering
Dates: December 9-11, 2012
Place: Chisatoyama Campus, Kansai University, Osaka, Japan

B-7 Chapter Activities

We currently have 11 chapters. Most chapters have been very active. The EDS Kansai Chapter had 6 technical meetings; the SSCS Kansai Chapter had 18 technical meetings; the CASS Kansai Chapter had 10 technical meetings; the APS Kansai Chapter had 2 technical meetings; the COMS Kansai Chapter had 2 technical meetings; the CS Kansai Chapter had 2 technical meetings; the MTTs Kansai Chapter had 8 technical meetings; the Photonics Society (formerly LEOS) Kansai

Chapter had 4 technical meetings; the SPS Kansai Chapter had 4 technical meetings; the CES Kansai Chapter had 2 technical meetings, and the CSS Kansai Chapter had 7 technical meetings.

B-8 Life Members Affinity Group Activities

The Kansai LMAG was approved on June 8, 2012. We had the inaugural meeting in December 19, 2012. In the meeting, the newly selected officers were approved and a new action plan was discussed, and then, two special talks were presented by the guests from Japan Council and Region 10. The action plan was officially approved at the LMAG annual meeting which was held on February 12, 2013.

Part C. Goals and Action Plans in 2013

C-1 Executive Meetings

We will have five executive committee meetings this year.

C-2 Membership Development Committee

The MDC members will try to increase membership in their organizations.

C-3 Nominations Committee

The NC will nominate Fellow upgrade candidates.

C-4 Student Activities Committee

The SAC will try to open new student branches in the Kansai Section. The SAC is also planning some technical and social events for students in the Kansai Section.

C-5 Awards Committee

The AC will conduct the selection process for the IEEE Kansai Section GOLD Award and IEEE Kansai Section Student Paper Award.

C-6 Chapter Operations Committee

The COC will promote cooperation between chapters and will work to establish new chapters in the Kansai Section.

C-7 Technical Program Committee

The TPC will hold several Technical Lectures.

C-8 Life Members Affinity Group

The newly formed LMAG will hold lectures in corporation with the TPC of Kansai Section and the History Committee of Japan Council. The LMAG will publish Kansai-LMAG Newsletter on the Kansai Section Web page as well as send it to the LMAG members by Email.

C-9 Chapters

Each chapter will hold various events including technical lectures and workshops.

C-10 Workshops in cooperation with other institutes

- IMFEDK2013 (International Meeting for Future of Electron Devices, Kansai)

Dates: June 5-6, 2013

Place: Centenary Memorial Hall of Kansai University, Osaka, Japan

- Social Entrepreneurship: Post-311 Challenges toward Reconstruction and Revitalization of Japan

Date: April 23, 2013

Place: Hilton Hotel, Osaka, Japan

Part D. Others

D-1 New Website

The Kansai Section website was renovated and reopened from September 2011. Since then, it has been actively updated. The link is the same as before.

Please visit <http://www.ieee-jp.org/section/kansai/english> or <http://ewh.ieee.org/r10/kansai/>.

D-2 IEEE Technical Tour of Japan

The Technical Tour of Japan was held from May 20 to May 28, 2012 with 27 participants. The first three days were in the Kansai Section area. There are four sites of IEEE Milestones in the Kansai Section area: (1) Pioneering Work on Electronic Calculators (2005), (2) Railroad Ticket Examining System (2007), (3) Kurobe River No.4 Hydropower Plant (2009), and (4) Commercialization and Industrialization of Photovoltaic Cells (2009). The site of Electronic Calculators and PV Cells, and several historical heritages were visited.

Day 1 (Sunday, 5/20) Arrive in Kyoto

–Arrive at a hotel in Kyoto

Day 2 (Monday, 5/21) Sharp Museum and historical heritages in Nara

–Sharp Historical Hall (two Milestones: Electronic Calculators and PV Cells) in Tenri, Nara

–Great Buddha of Todaiji Temple, Kofukuji Temple, Kasuga Shrine, Heijo-kyo

–Nara National Museum

–Welcome party in Kyoto with the participants and members from the Kansai Section

Day 3 (Tuesday, 5/22) Keage Power Station and cultural heritages in Kyoto

–Keage Hydraulic Power Station and Biwa Canal (Milestone candidate)

–Nanzenji Temple, Heian Shrine, Kinkaku Temple

–Miyako-odori (traditional dance show)

D-3 IEEE Officers from the Kansai Section

Dr. Hirohisa Kawamoto

Member, IEEE History Committee (2012, 2013)

Prof. Isao Shirakawa

Member, IEEE Honorary Membership Committee (2012, 2013)

Member, IEEE History Committee (2012)

Prof. Masaki Koyama

Member, IEEE Admission and Advancement Committee (2012, 2013)

Table 1. Financial Report for 2012

1. Receipts

(Yen)		
# IEEE Entities	4,360,579	
Section Rebate (IEEE Headquarters)	971,970	\$12,183.27
Section Assessments (IEEE Headquarters)	3,111,726	\$38,863.72
Student Branch Rebate	56,383	\$686.00
Reimbursement for Audit fee (IEEE MGA)	220,500	External Audit
# Section Support	801,855	
Section Support (Japan Council)	112,455	GOLD Awards
Section Support (Japan Council)	352,000	Student Paper Awards
Section Support (Japan Council)	87,400	Kansai Section Medals
Section Support (Japan Council)	20,000	Student Branch
Banquet participation fees	210,000	Annual Meeting
Reception participation fees	20,000	Technical Tour of Japan (TTJ)
# Interest	202	
# Surplus (brought forward)	1,110,908	
Total	6,273,544	

2. Expenses

(Yen)		
# IEEE Entities	3,343,542	
Japan Council	3,108,726	Contribution for Section Assessments
Chapter Rebates	178,433	\$2,280.00
Student Branch Rebates	56,383	5 STBs
# Meetings & Awards	1,502,692	
Annual Meeting	333,002	Room charges, banquet expenses, etc.
Technical Lectures	112,580	Room charges, honorarium to lecturers, etc.
Executive Committee Meetings	231,747	Room charges, etc.
Committee Meetings	191,400	Two MDC/SAC joint meetings and a meeting for TTJ
GOLD Awards	112,455	Plaques
Student Paper Awards	378,508	Awards, certificates
Section Medals	87,400	Japan Mint
Student Branch Support	55,600	Ritsumeikan University
# Management & General	249,980	Including external audit 220,500
# Others	16,256	Bank Fees
# Surplus	1,161,074	
Total	6,273,544	