IEEE Kansai Section
Section Report

Shigeru Katagiri
Chair of the IEEE Kansai Section
Doshisha University

PART A. SECTION SUMMARY

A-1 Executive Summary

The IEEE Kansai Section was established in November 1998. As of December 31, 2011, the Kansai Section comprised 2,316 members (see Item B-1). This number is 111 more compared to December 31, 2010.

In 2011 the Section had 5 executive meetings, 1 annual section meeting and 5 technical lectures. In 2012 the Section has already had 1 annual section meeting and two executive 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 (2011-2012)

Section Officers:

Chair:
Shigeru Katagiri (Doshisha University)
Vice-Chair:
Atsushi Yano (Sumitomo Electric Industries, Ltd.)
Secretary/Treasurer:
Toru Murase (Sumitomo Electric Industries, Ltd.)

Executive Committee Members:

Membership Development Committee Chair:
Takeshi Ogura (Ritsumeikan University)
Nominations Committee Chair:
Yutaka Yamamoto (Kyoto University)
Student Activities Committee Chair:
Yoshinobu Kajikawa (Kansai University)
Technical Program Committee Chair:
Tomohiro Nakatani (Nippon Telegraph and Telephone Corporation)
Awards Committee Chair:
Shinji Kusumoto (Osaka University)
Chapter Operations Committee Chair:
Takao Onoye (Osaka University)
Past Chair:
Yukihiro Nakamura (Ritsumeikan University)
Past Vice-chair:
Yoshiaki Kushiki (Panasonic Corporation)
Past Secretary/Treasurer:
Daisuke Ueda (Panasonic Corporation)
Past MDC Chair:
Hironori Yamauchi (Ritsumeikan University)
Past TPC Chair:
Takeshi Yamada (Nippon Telegraph and Telephone Corporation)
Past AC Chair:
Toru Kikuno (Osaka University)
Past COC Chair:
Miki Yamamoto (Kansai University)

Secretariat:
Kazuo Hirano (Sumitomo Electric Industries, Ltd.)

A-4 List of Chapter Officers (2011-2012)

EDS (Electron Devices Society) Kansai Chapter
Chair: Akira Takahashi (Sharp Corp.)
Vice-Chair: Yukiharu Uraoka (Nara Institute of Science and Technology）
Secretary: Hiroshi Kotaki (Sharp Corp.)
Treasurer: Toshihiko Maemoto (Osaka Institute of Technology)

SSCS (Solid-State Circuits Society) Kansai Chapter
Chair: Kunihiko Iizuka (Sharp Corp.)
Vice-Chair: Minoru Fujishima (Hiroshima University)
Secretary: Takeshi Mitsutaka (Sharp Corp.)
Treasurer: Takeaki Sugimura (Renesas Electronics Corp.)

CASS (Circuits and Systems Society) Kansai Chapter
Chair: Toshimitsu Ushio (Osaka University)
Vice-Chair: Masahiro Numa (Kobe University)
Secretary: Kaoru Inoue (Doshisha University)
Treasurer: Masahiro Wada (Konan University)

APS (Antennas and Propagation Society) Kansai Chapter
Chair: Taketsugu Manabe (Osaka Prefecture University)
Vice-Chair: Tadahiko Maeda (Ritsumeikan University)
Secretary: Hidehisa Shiomi (Osaka University)
Treasurer: Atsushi Yamamoto (Panasonic Corp.)

COMS (Communications Society) Kansai Chapter
Chair: Hideki Ishio (Osaka Institute of Technology)
Vice-Chair: Hiroyuki Kumazawa (Mitsubishi Electric Corp.)
Secretary/Treasurer:
        Minoru Okada (Nara Institute of Science and Technology)

CS (Computer Society) Kansai Chapter
Chair: Takeo Yasuda (IBM Japan, Ltd.)
Vice-Chair: Hiroyuki Tomiyama (Ritsumeikan University)
Vice-Chair: Hiroyuki Ochi (Kyoto University)
Secretary: Masaitsu Nakajima (Panasonic Corp.)
Treasurer: Tomonori Izumi (Ritsumeikan University)

MTTS (Microwave Theory and Techniques Society) Kansai Chapter
Chair: Yohei Ishikawa (Murata Co. Ltd.)
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)

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: Hideaki Sakai (Kyoto University)
Vice-Chair: Hiroshi Sawada (Nippon Telegraph and Telephone Corp.)
Secretary: Tomoki Toda (Nara Institute of Science and Technology)
Treasurer: Kazunori Hayashi (Kyoto University)

CES (Consumer Electronics Society) Kansai Chapter
Chair: Tadashi Sakamoto (Renesas Solutions Corp.)
Vice-Chair: Morimasa Matsuda (Mitsubishi Electric 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   Kentaro Hirata (Nara Institute of Science and Technology)
Treasurer: Yoshio Ebihara (Kyoto University)

A-5　Administrative Meetings

The Kansai Section had the following five executive meetings in 2011.

1. 1st executive meeting　　　　　　　　　　Date: January 18
    Place: Kyoto TERRSA　　　　　　　　　　Attendees: 16
    Issue:　2011 Annual Meeting of Kansai Section

2. 2nd executive meeting　　　　　　　　　　Date: February 16
    Place: Osaka University Nakanoshima Center　Attendees: 13
    Issues:　2011 Annual Meeting of Kansai Section
    　　　　　Annual reports

3. 3rd executive meeting　　　　　　　　　　Date: June 21
    Place: Sumitomo Building　　　　　　　　Attendees: 11
    Issues:　Meeting report of the 1st Japan Council Excom meeting
    　　　　　Meeting report of the Region 10 annual meeting

4. 4th executive meeting　　　　　　　　　　Date: September 8
    Place: Sumitomo Building　　　　　　　　Attendees: 9
    Issues:　Interim Action Report of Kansai Section
    　　　　　Meeting report of the Sections Congress
    　　　　　Meeting Report of the 2nd Japan Council
    　　　　　Kansai Section GOLD Award and Kansai Section Student Paper Award
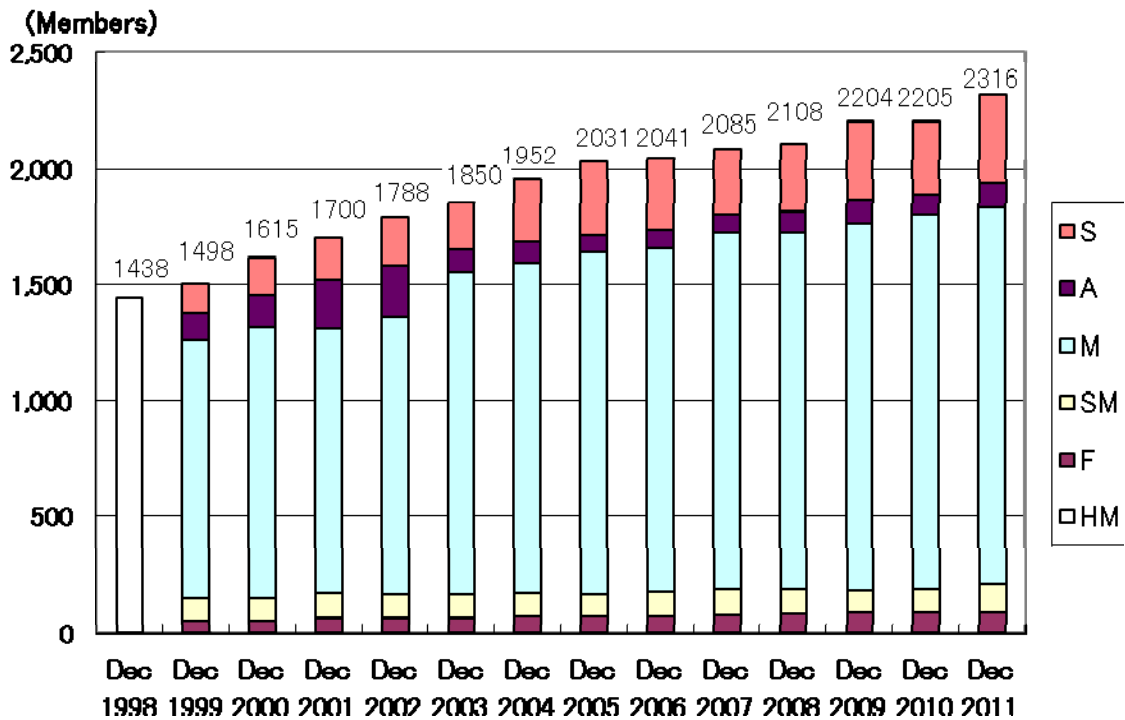   　　　　　Interim financial report of Kansai Section

6. 5th executive meeting　　　　　　　　　　Date: December 21
    Place: Sumitomo Building　　　　　　　　Attendees: 16
    Issues:　2011 activities and 2012 plans of Kansai Section, Committees and Chapters
    　　　　　Examination results of Kansai Section GOLD Award
    　　　　　Examination results of Kansai Section Student Paper Award
    　　　　　2011 new Senior Members
    　　　　　2012 new Fellows
    　　　　　Meeting Report of the 3rd Japan Council

Part B. Organizational Activities in 2011

B-1　Membership Development Committee

The Chair of the Membership Development Committee is now appointing committee members and will encourage them to recruit new members. The numbers of the various types of members in the Section as of December 20, 2011 are as follows:

Grade	Grade Code	Number
Honorary Member	HM	0
Life Fellow	LF	40
Fellow	F	47
Life Senior Member	LS	9
Senior Member	SM	112
Pending Senior Member	PS	0
Life Member	LM	50
Member	M	1,573
Pending Member	PM	0
Life Associate	LA	0
Associate Member	AM	105
Graduate Student Member	GSM	232
Student Member	StM	148
Total		**2,316**
IEEE Society Affiliate	AF	145

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 winners

The IEEE Kansai Section Medal is presented to new Senior Members. The medal is designed with a portrait of Gennai Hiraga, who constructed the first friction generator in Japan, called Elekiter. We presented the medals to 12 new Senior Members at the annual section meeting on February 14, 2012.

B-2 Nominations Committee

The Nominations Committee asked Fellow members in the Kansai Section to recommend Fellow upgrade candidates. Five members were endorsed from the Kansai Section, resulting in two new Fellows in the Kansai Section. We sent e-mails to all Senior Members to inform the procedure for Fellow membership.

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 12 award winners in 2011.

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. Additionally, one more branch is planned to be built. These branches held a Student Branch Contact Meeting in December 2011 at Kyoto University as done in the past. The Student Branch of Ritsumeikan University held its annual English Presentation Competition in October 2011. A total of 22 reports and about 60 attendees joined from 4 student branches of the Kansai Section. The Student Activities Committee awarded excellent presenters with certificates of merit.

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 2011 Kansai Section GOLD Award was presented at the annual section meeting on February 14, 2012, to Mr. Hidekazu Umeda (Panasonic Corp.) and Mr. Takashi Yamamoto (Kyoto University).

Photo 2. IEEE Kansai Section GOLD Awards

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 an IEEE international conference or in IEEE Transactions. We selected 12 winners of this award in 2011.

Photo 3. IEEE Kansai Section Student Paper Award

The IEEE Kansai Section Student Paper Award was presented to the 12 winners in a commendation ceremony at the annual section meeting on February 14, 2012.

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 11 Kansai Chapters in all.

B-6   Professional Activities by Technical Program Committee

Lectures:

1. Lecturer: Dr. Gordon Day (IEEE President-Elect)
    Title: IEEE – Advancing Technology for Humanity
    Date: June 6, 2011
    Place: Kyoto University

2. Lecturers: Prof. Sen Maw Kuo (Northern Illinois University)
                Prof. Shoji Makino (Tsukuba University, IEEE Fellow)
    Title: Frontiers of Sound Cancellation Technology
    Date: September 8, 2011
    Place: Kansai University

3. Lecturers: Prof. Hiroshi Inoue (Kyushu University)
                Dr. Shinji Tanabe (Mitsubishi Electric)
    Title: Revealing the Essence of Technological Development
        – From innovation to global standardization –
    Date: September 21, 2011
    Place: Campus Plaza Kyoto

4. Lecturers: Dr. Hideki Hayashi (Sumitomo Electric, IEEE Fellow)
                Mr. Shiro Nankai (Panasonic Healthcare)
    Title: Industrial Challenges on the Technological Frontier
        – Compound semiconductors and blood glucose sensor –
    Date: September 29, 2011
    Place: Sumitomo Building

5. Lecturers: Prof. Masako Myowa (Kyoto University)
                Prof. Yukie Nagai (Osaka University)
    Title: Human Development Science and the Social Sciences Using Robots
    Date: December 12, 2011
    Place: Kyoto University

Workshops in cooperation with other institutes:

・IMFEDK2011 (2011 International Meeting for Future of Electron Devices, Kansai
Date: May 19–20, 2011
Place: Centenary Memorial Hall of Kansai University, Osaka, Japan
・SIIW 2011 (Software Informatics International Week 2011)
Dates: November 1–4, 2011
Place: Nara Prefecture New Public Hall

B-7   Chapter Activities

We currently have 11 chapters, including one newly established chapter in 2011. Most chapters have been very active. The EDS Kansai Chapter had 5 technical meetings and 1 educational meeting; the SSCS Kansai Chapter had 13 technical meetings; the CASS Kansai Chapter had 9 technical meetings; the APS Kansai Chapter had 3 technical meetings; the COMS Kansai Chapter had 1 technical meeting; the CS Kansai Chapter had 2 technical meetings; the MTTS Kansai Chapter had 7 technical meetings; the Photonics Society (formerly LEOS) Kansai Chapter had 10 technical meetings; the SPS Kansai Chapter had 2 technical meetings; and the CES Kansai Chapter had 2 technical meetings.

Part C. Goals and Action Plans in 2012

C-1   Executive Meetings
We will have six executive 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 also 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
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   Chapters
Each chapter will hold various events including technical lectures and workshops.
The newly formed Control Systems Kansai Chapter will begin its technical meetings.

C-9   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
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Part D. Others

D-1   New Website
The Kansai Section website was newly designed and opened from September 2011. The beautiful scenery in the Kansai Section can be seen on the top page. 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 will be held from May 20 to May 28, 2012. The first three days are in the Kansai Section area. We have four milestones: Pioneering Work on Electronic Calculators (2005), Railroad Ticket Examining System (2007), the Kurobe River No. 4 Hydropower Plant (2009), and the Commercialization and Industrialization of Photovoltaic Cells (2009). Some of these and several heritages are scheduled to be visited. Detail plans may be changed.

Day 1 (Sunday, 5/20) Welcome to Kyoto
–Express train is available from Kansai Int'l Airport to Kyoto (75 min.)
–Reception at the hotel in Kyoto

Day 2 (Monday, 5/21) Sharp Museum and historical heritages in Nara
–Sharp Historical Hall (two milestones: Calculators and PV Cells) in Tenri, Nara
–Great Buddha of Todaiji Temple, Kofukuji Temple, Kasuga Shrine, Heijo-kyo
–Nara National Museum

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
Prof. I. Shirakawa

Member, IEEE Honorary Membership Committee
Member, IEEE History Committee
Prof. M. Koyama
Member, IEEE Admission and Advancement Committee

Table 1. Financial Report for 2011

1. Receipts

	(Yen)	
# IEEE Entities	**4,343,432**	
Section Rebate (IEEE Headquarters)	1,018,412	$12,580.75
Section Assessments (IEEE Headquarters)	3,037,346	$37,636.22
Sections Congress Subsidy	58,327	$770
Student Branch Rebate	19,347	$244
Reimbursement for Audit fee (IEEE MGA)	210,000	External Audit
# Section Support	**804,430**	
Section Support (Japan Council)	163,800	GOLD Awards
Section Support (Japan Council)	352,000	Student Paper Awards
Section Support (Japan Council)	88,630	Kansai Section Medals
Section Support (Japan Council)	50,000	Student Branch
Party participation fees	150,000	
# Interest	**378**	
# Surplus (brought forward)	**2,026,788**	
Total	**7,175,028**	

2. Expenses

	(Yen)	
# IEEE Entities	**3,256,067**	
Japan Council	3,034,346	Contribution for Section Assessments
Chapter Rebates	202,374	$2,500.00
Student Branch Rebates	19,347	3 STBs
# Meetings & Awards	**1,959,882**	
Annual Meeting	429,205	Room charges, party expenses, etc.
Technical Lectures	167,000	Room charges, Compensation for lecturers, etc.
Executive Meetings	223,372	Room charges, etc.
Committee Meetings	227,570	MDC/SAC (twice), R10
GOLD Awards	163,800	Plaques
Student Paper Awards	377,658	Awards, certificates
Section Medals	88,630	Japan Mint
Student Branch Support	56,820	Ritsumeikan University
Sections Congress	225,827	Flights, hotel
# Management & General	**274,782**	Including external audit 210,000
# Website New Design	**554,400**	
# Others	**18,989**	Bank Fees
# Surplus	**1,110,908**	
Total	**7,175,028**	