IEEE Kansai Section
Section Report

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Chair of the IEEE Kansai Section
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PART A - SECTION SUMMARY

A.1 Executive Summary

The IEEE Kansai Section was established in November 1998. The number of members of the Kansai Section as of December 31 was 2,204 (See Item B-1). This number increased by 96 compared to December 31, 2008.

In 2009 the Section had five executive meetings, one annual section meeting and five technical lectures. In 2010 the Section has already had one annual section meeting and two executive meetings.

A.2 Financial Report

The Section's Finance is in good condition. See the attached Table 1 in the ANNEX I.

A.3 List of Section Officer and Executive Committee Members (2009-2010)

<u>Section Officers:</u>

Chair:
>Yukihiro Nakamura (Ritsumeikan University)

Vice-chair:
>Yoshiaki Kushiki (Panasonic Corporation)

Secretary/Treasurer:
>Daisuke Ueda (Panasonic Corporation)

<u>Executive Committee Members:</u>

Membership Development Committee Chair:
>Hironori Yamauchi (Ritsumeikan University)

Nominations Committee Chair:
>Shigeru Katagiri (Doushisya University)

Student Activities Committee Chair:
>Takao Onoye (Osaka University)

Technical Program Committee Chair:
>Takeshi Yamada (Nippon Telegraph and Telephone Corporation)

Awards Committee Chair:
>Toru Kikuno (Osaka University)

Chapter Operations Committee Chair:
>Miki Yamamoto (Kansai University)

Past Chair:
>Hiroshi Matsumoto (Kyoto University)

Past Vice-chair:
>Toru Chiba (SHARP Corporation)

Past Secretary/Treasurer:
>Tetsuo Iwase (SHARP Corporation)

Past TPC Chair:
>Masato Miyoshi (Kanazawa University)

Past Chair:
>Isao Shirakawa (University of Hyogo)

Past Chair:
>Masaki Koyama (Nara Institute of Science and Technology)

<u>Secretariat:</u>

>Hidetaka Higashino (Panasonic Corporation)
>Tomoko Suzuki (Panasonic Corporation)

A.4 List of Chapter Officers (2009-2010)

EDS (Electron Devices Society) Kansai Chapter
Chair: Yasuhisa Omura (Kansai University)
Vice-chair: Akira Takahashi (SHARP Corporation)
Secretary: Akira Hiroki (Kyoto Institute of Technology)
Treasurer: Hiroshi Kotaki (SHARP Corporation)

SSCS (Solid-State Circuits Society) Kansai Chapter
Chair: Masahiko Yoshimoto (Kobe University)
Vice-Chair: Kunihiro Iizuka (SHARP Corporation)
Secretary: Hiroshi Kawaguchi (Kobe University)
Treasurer: Masami Nakajima (Renesas Technology Corporation)

CASS (Circuits and Systems Society) Kansai Chapter
Chair: Nagisa Ishiura (Kwansei Gakuin University)
Vice-Chair: Toshimitsu Ushio (Osaka University)
Secretary: Takahiro Ichinomiya (Panasonic Corporation)
Treasurer: Kaoru Inoue (Doshisya University)

APS (Antennas and Propagation Society) Kansai Chapter
Chair: Koichi Ogawa (Panasonic Corporation)
Vice-chair: Taketsugu Manabe (Osaka Prefecture University)
Secretary: Hiroyuki Deguchi (Doshisha University)
Treasurer: Hidehisa Shiomi (Osaka University)

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

CS (Computer Society) Kansai Chapter
Chair: Akira Motohara (Panasonic Corporation)
Vice-Chair: Hiroyuki Ochi (Kyoto University)
Secretary: Takeo Yasuda (IBM Japan, Ltd.)
Treasurer: Masaitsu Nakajima (Panasonic Corporation)

MTTS (Microwave Theory and Techniques Society) Kansai Chapter
Chair: Yohei Ishikawa (Murata Co. Ltd.)
Vice-Chair: Toshio Ishizaki (Panasonic Corporation)
Secretary: Takuo Kashiwa (Furuno Electric Co. Ltd.)
Treasurer: Shoichi Kitazawa (ATR Wave Engineering Laboratories)

Photonics Society (formerly LEOS) Kansai Chapter
Chair: Susumu Noda (Kyoto University)
Vice-Chair: Kazuyoshi Itoh (Osaka University)
Secretary: Atsushi Sugitatsu (Mitsubishi Electric Corporation)
Treasurer: Tomoaki Kato (NEC Corporation)

SPS (Signal Processing Society) Kansai Chapter
Chair: Kazumasa Enami (National Institute of Information and Communications
                      Technology)
Vice-Chair: Hideaki Sakai (Kyoto University)
Secretary: Kazunori Hayashi (Kyoto University)
Treasurer: Ryouichi Nishimura (National Institute of Information and Communications
                      Technology)

CES (Consumer Electronics Society) Kansai Chapter
Chair: Tomohiro Hase (Ryukoku University)
Vice-Chair: Tadashi Sakamoto (Renesas Solutions Corp.)
Secretary: Tohru Nakanishi (IBM Japan, Ltd.)
Treasurer: Wataru Uemura (Ryukoku University)

A.5 Administrative Meetings

The Kansai Section had the following five executive meetings in 2009.
1. First executive meeting   Date: January 20
    Place: Kyoto Research Park   Attendees: 7
    Issues: - 2009 Annual Meeting of Kansai Section
             - Admission of JC delegate Officers

2. Second executive meeting   Date: February 24
    Place: Kyodai-kaikan   Attendees: 9
    Issues: - 2009 Annual Meeting of Kansai Section
            - Revising Regulations of Kansai-Section Officers
            - Co-sponsored Technical Meeting

3. Third executive meeting   Date: June 2
    Place: Kyoto Terrsa   Attendees: 9
    Issues: - Meeting Report of the 1st Japan Council
            -125th Anniversary Activity
            - WIE Activity
            - Meeting Report of Region 10 Meeting 2009

4. Fourth executive meeting   Date: September 8
    Place: Campus Plaza Kyoto   Attendees: 10
    Issues: - Meeting Report of the 2nd Japan Council
            - Activity Report of Six Committees
            - Kansai Section GOLD Aword and Kansai Section Student Paper Aword
            - Interim Finacial Report of Kansai Section
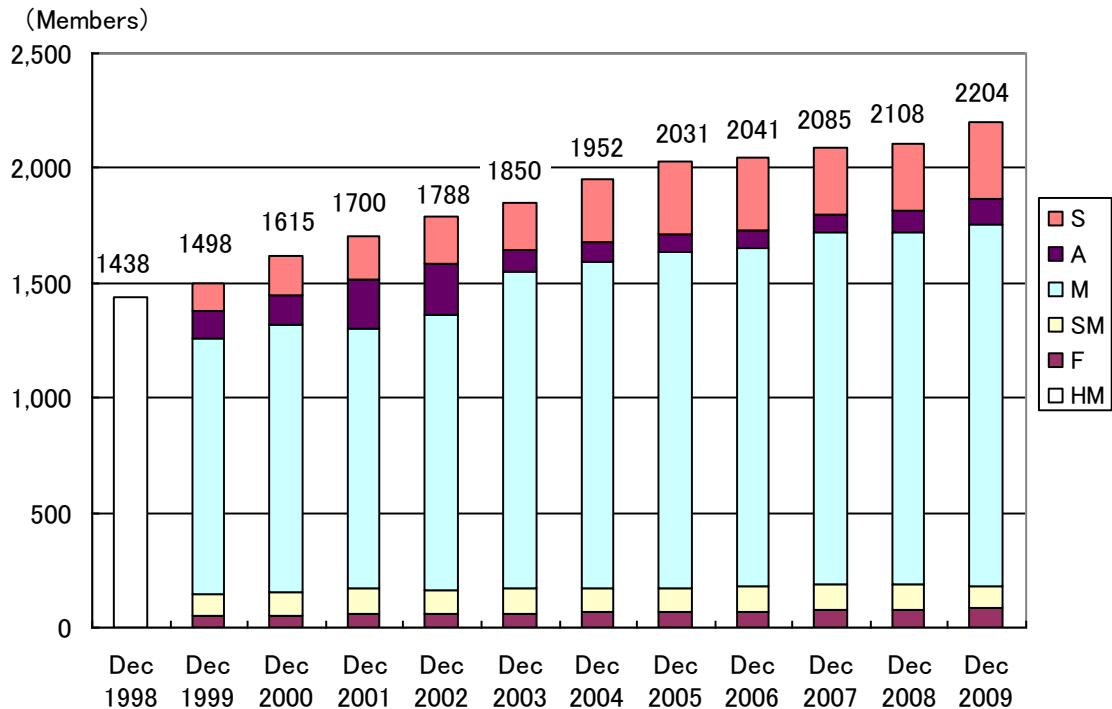
5. Fifth executive meeting   Date: December 15
    Place: Kyoto Terrsa   Attendees: 14
    Issues: - Meeting Report of the 3rd Japan Council
            - 2009 Activities and 2010 Plans of Kansai Section, Committees and Chapters
            - Examination Outcome of Kansai Section GOLD Award
            - Examination Outcome of Kansai Section Student Paper Award
            - Recipients of Kansai Section Medal
            - 2010 New Fellows
            - Report of Preparation Meeting for IEEE Milestone Ceremony

Part B. Organizational Activities in 2009

B-1 Membership Development Committee

     The Chair of the Membership Development Committee is now appointing his committee members and will promote them to recruit new members. The number of Members of the Section as of December 31 2009 is as follows:

Grade	Grade Code	Number
Honorary Member	H	0
Life Fellow	LF	33
Fellow	F	51
Life Senior Member	LS	6
Senior Member	SM	94
Pending Senior Member	PS	0
Life Member	LM	45
Member	M	1,530
Pending Member	PM	0
Life Associate	LA	0
Associate	AM	107
Graduate Student Member	GSM	214
Student	StM	124
Total		2,204
Affiliate of an IEEE Society	AF	133

The membership development committee has been acting the following projects for increase of IEEE members in Kansai Section.
1. Announcement of merit of IEEE membership.
2. Increase of Senior member in Kansai Section. (Statistics indicate that Senior members have higher probability of maintaining their membership.)

For that purpose, Kansai Section gives "the IEEE Kansai Section Medal" to a new Senior Member and supports an application for Senior Member grade on our web site.

Photo 1 IEEE Kansai Section Medal

The IEEE Kansai Section Medal is presented to new Senior Member. The medal is designed with the portrait of Gennai Hiraga who had constructed the first friction generator, Elekiter, in Japan. We have given the Medals to 8 New Senior Members in annual section meeting on February 22, 2010.

B-2 Student Activities Committee

The Student Activities Committee planned the Kansai Section Student Paper Award to encourage student members of Kansai Section in their research activities of presenting excellent papers in IEEE international conferences and IEEE Transactions. In cooperation with the Award Committee, we selected 11 winners of this award in 2009.

We have five student branches; Osaka University, Kyoto University, Ritsumeikan University, NAIST (Nara Institute of Science and Technology) and University of Hyogo. Those branches held Student Branch Contact Meeting in December 2009 at Nara Institute of Science and Technology as has done in the past . The Student Branch of Ritsumeikan University held annual English Presentation Competition in October 2009. From 2009, it was opened its doors to other Kansai

Student Branches. Student Activities Committee had awarded excellent presenters certificates of merit.

We dispatched one student to 125th Anniversary R10 Student Congress 2009 (Singapore) and ten students to IEEE Student Branch Leadership Training Workshop at Tokyo City University.

We held joint meetings with Membership Development Committee and made activity supports for GOLD members and women members.

B-3 Nominations Committee

Nominations Committee asked Fellow members in Kansai Section to recommend fellow up-grade candidates. Sixth members have been endorsed from Kansai Section. We ended up with five new Fellow members in Kansai Section, among them four Members were endorsed from Kansai Section.

B-4 Awards Committee

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 have contributed to IEEE Kansai Section's activities. The 2009 Kansai Section GOLD Award was awarded to Mr. Shinichi Omata (Ritsumeikan University) in annual section meeting on February 22 2010.

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 have presented their excellent research results in IEEE international conference or IEEE Transactions. We selected 11 winners of this award in 2009.

Photo 3 IEEE Kansai Section Student Paper Award

The IEEE Kansai Section Student Paper Award was presented to 11 winners at commendation ceremony in annual section meeting on February 22, 2010.

B-5 Chapter Operations Committee

The Chapter Promotion Committee was established in 2006 and it was reorganized into Chapter Operations Committee in 2008 with the aim of organizing new chapters and supporting chapters in

Kansai Section. Four new Kansai Chapters were formed in 2006 in addition to three existing chapters, and two Kansai Chapters were newly formed in 2007. In 2008, Consumer Electronics Kansai Chapter was formed. At present, Kansai Section have ten Kansai Chapters in all.

B-6 Professional Activities
Lectures:
1. Lecturer: Dr. Julien Langou (University of Colorado Denver)
   Dr. Julie Langou (University of Tennessee)
   Title: Topics on Numerical Linear Algebra and High-Performance Computing
   Date: March 25, 2009
   Place: Kyoto University

2. Lecturer: Dr. Yoshinobu Tonomura (NTT Communication Science Laboratories)
   Prof. Mitsunori Miki (Doshisha University)
   Title: New Frontier for Human Communication Environment
   Date: March 27, 2009
   Place: Hotel New Hankyu Osaka

3. Lecturer: Prof. Biing Hwang (Fred) Juang (Motorola Foundation Chair Professor & GRA Eminent Scholar School of Electrical. & Computer Engineering, Georgia Inst. of Technology)
   Prof. Masato Miyoshi (Kanazawa University)
   Title: Topics on signal enhancement and sound field reproduction
   Date: June 11, 2009
   Place: NTT Communication Science Laboratories

4. Lecturer: Dr. Michio Kadota (Murata Manufacturing Co., Ltd.)
   Mr. Koichi Yoshikawa (Murata Manufacturing Co., Ltd.)
   Mr. Hideo Sugimoto, (SOHLA: Space Oriented Higashiosaka Leading Association)
   Title: IEEE 125th Anniversary Technical Program - True Craftsmanship in Research and Development
   Date: September 15, 2009
   Place: NTT Communication Science Laboratories

5. Lecturer: Prof. Isao Shirakawa (University of Hyogo)
   Dr. Alexander B. Magoun (Executive Director, David Sarnoff Library)
   Title: IEEE Milestone Award Celebration Lectures
   Date: November 17, 2009
   Place: Osaka University Nakanoshima Center

Workshop cooperated with other institutes:
- IMFEDK
  The 2009 International Meeting for Future of Electron Devices, Kansai
  Date: 14-15 May 2009
  Place: Centenary Memorial Hall of Kansai University, Osaka, JAPAN

- 2009 International Symposium on Electromagnetic Compatibility, Kyoto (EMC'09)
  Date: July 20-24 2009
  Place: Kyoto International Conference Center, Kyoto, JAPAN

- 2009 Kansai-section Joint Convention of Institutes of Electrical Engineering
  Date: November 7-8 2009
  Place: Suita Campus of Osaka University, Osaka, JAPAN

B-7 Chapter Activities
We have 10 chapters including newly established one chapter in 2008. Most of the chapters were very active. EDS Kansai Chapter had four technical meetings and two educational meeting. SSCS Kansai Chapter had nine technical meetings and three educational meetings. CASS Kansai Chapter had five technical meetings. APS Kansai Chapter had five technical meetings. COMS Kansai Chapter had two technical meetings. CS Kansai Chapter had two technical meetings. MTTS Kansai Chapter had five technical meetings and one educational meeting. Photonics Society

(formerly LEOS) Kansai Chapter had nineteen technical meetings. SPS Kansai Chapter had four technical meetings. CES Kansai Chapter had two technical meetings.

Part C. Goals and Action Plans in 2010
C-1 Executive Meeting
We will have six executive meetings this year.
C-2 Nominations Committee
NC will also nominate fellow up-grade candidates.
C-3 Membership Development Committee
MDC members will try to increase membership in their organizations.
C-4 Student Activities Committee
SAC will try to open new student branch in Kansai Section. SAC is also planning some technical and social events for students in Kansai Section.
C-5 Technical Program Committee
TPC will have several Technical Lectures.
C-6 Awards Committee
AC undertakes the selection process for the IEEE Kansai Section GOLD Award and the IEEE Kansai Section Student Paper Award.
C-7 Chapter Operations Committee
COC will promote cooperation between chapters and will try to establish new Chapters in Kansai Section.
C-8 Chapter
Each Chapter will have some events including some technical lectures and workshops.
C-9 Workshop cooperated with other institutes
- IMFEDK
  The 2010 International Meeting for Future of Electron Devices, Kansai
  Date: 13-14 May 2010
  Place: Centenary Memorial Hall of Kansai University, Osaka, JAPAN
- ITST2010
  Intelligent Transport System for Telecommunications 2010
  Date: 9-11 November 2010
  Place: CO-OP Inn Kyoto, Kyoto, JAPAN

[ANNEX I]

Table 1 Finance Report in 2009

1. Receipts

(Japanese Yen)

# IEEE Entity	**4,771,152**	
Section Rebate (IEEE Head Quarter)	1,133,959	$12,021.2
Section Assessment (IEEE Head Quarter)	3,637,193	$37,044.03
# Section Support	**983,712**	
Section Support (Japan Council)	168,682	GOLD Award
Section Support (Japan Council)	384,000	Student Paper Award
Section Support (Japan Council)	168,790	Kansai Section Medal
Section Congress2008 Support (IEEE HQ)	235,825	$2,500
125th Anniversary Activity Support (R10SSVR)	26,415	$300
# Other(Repayment)	**182,000**	Party participation fees
# Interest	**1,846**	
# Surplus (Brought forward)	**1,843,130**	
Total	**7,781,840**	

2. Expenses

(Japanese Yen)

# IEEE Entity	**3,882,939**	
Japan Council	3,635,693	
Chapter Rebate	191,019	$2,025.00
Section Support Refund (Japan Council)	56,227	Surplus of GOLD Award Support
# Meeting & Award	**2,175,256**	
Annual Meeting	286,757	
Technical Lecture	77,640	
Executive Meeting	206,175	
Committee Meeting	419,957	MDC/SAC (twice), COC
Gold Award	112,455	
Student Paper Award	383,942	
Section Medal	337,580	
Student Branch Support	38,133	Ritsumeikan University
Milestone	312,617	Milestone Plaques
# Management & General	**49,840**	
# Surplus	**1,673,805**	
Total	**7,781,840**	