

# IEEE Kansai Section

## Section Report

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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 2108 (See Item B-1). This number increased by 23 compared to December 31, 2007.

In 2008 the Section had six executive meetings, one annual section meeting and six technical lectures. In 2009 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)

##### Section Officers:

Chair:

Yukihiro Nakamura (Ritsumeikan University)

Vice-chair:

Yoshiaki Kushiki (Panasonic Corporation)

Secretary/Treasurer:

Daisuke Ueda (Panasonic Corporation)

##### Executive Committee Members:

Membership Development Committee Chair:

Hironori Yamauchi (Ritsumeikan University)

Nominations Committee Chair:

Shigeru Katagiri (Doshisya University)

Student Activities Committee Chair:

Takao Onoye (Osaka University)

Technical Program Committee Chair:

Takeshi Yamada (NTT Communication Science Laboratories)

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 (NTT Communication Science Laboratories)

Past Chair, Region 10 Industry Liaison Coordinator:

Isao Shirakawa (University of Hyogo)

Past Chair:

Masaki Koyama (Nara Institute of Science and Technology)

#### 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 (Doshisha 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: Masaitu Nakajima (Panasonic Corporation)
- MTTS (Microwave Theory and Techniques Society) Kansai Chapter**  
 Chair: Ikuo Awai (Ryukoku University)  
 Vice-Chair: Youhei Ishikawa (Murata Co. Ltd.)  
 Secretary: Tetsuya Ueda (Kyoto Institute of Technology)  
 Treasurer: Tadashi Kawai (University of Hyogo)
- LEOS (Lasers and Electro-Optics Society) 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: Seiichi Yamamoto (Doshisha University)  
 Vice-Chair: Kazumasa Enami (National Institute of Information and Communications Technology)  
 Secretary: Atsushi Nakamura (NTT Communication Science Laboratories)  
 Treasurer: Hiroteru Nannjo (Ryukoku University)

## **A.5 Administrative Meetings**

The Kansai Section had the following five executive meetings in 2008.

1. First executive meeting Date: January 24  
 Place: Kyodai-kaikan Attendees: 8  
 Issues: - 2008 Annual Meeting of Kansai Section  
           - Activity of WIE
2. Second executive meeting Date: February 28  
 Place: Kyodai-kaikan Attendees: 8  
 Issues: - 2008 Annual Meeting of Kansai Section  
           - Meeting Report of Region 10 Meeting 2008
3. Third executive meeting Date: April 28  
 Place: Kyodai-kaikan Attendees: 9  
 Issues -The next Officer election  
           - Meeting Report of the Japan Council
4. Fourth executive meeting Date: July 8  
 Place: Kyodai-kaikan Attendees: 13  
 Issues -Next Officer

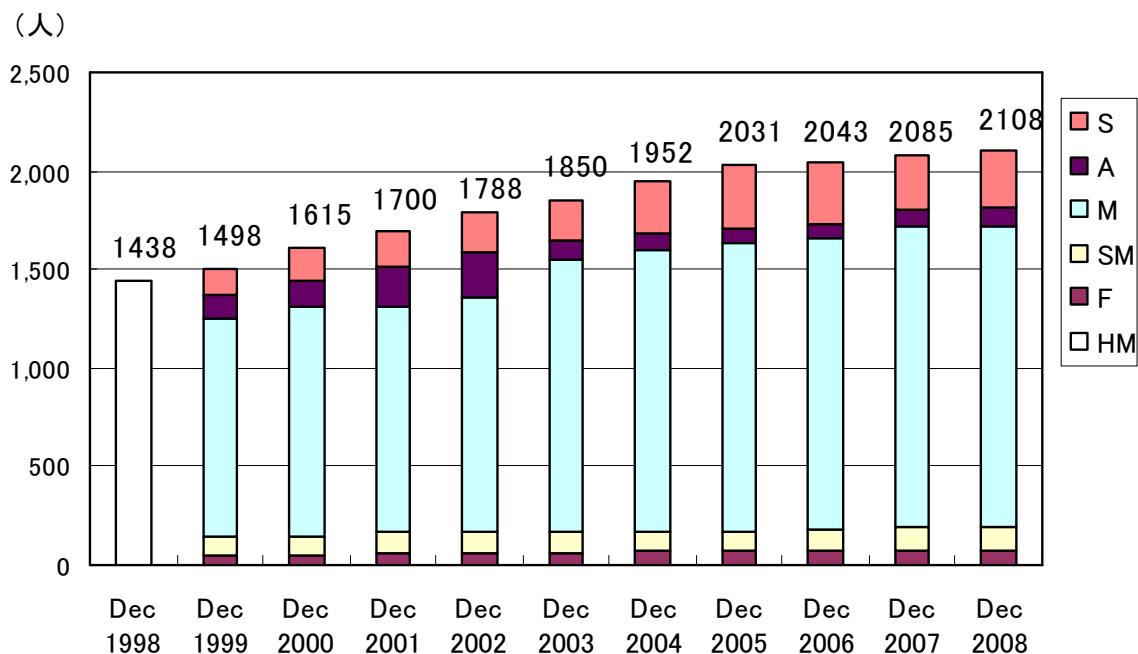
- Activity of Chapter Operation Committee
  - Election of attendee of Section Congress 2008
5. Fifth executive meeting Date: September 16  
 Place: Kyodai-kaikan Attendees: 7  
 Issues
- Next officer
  - Activity of WIE
  - Meeting Report of the Japan Council
  - 2008 Interim Financial Report
  - Activities of Kansai Section Committee
  - Kansai Section GOLD Award
  - Kansai Section Student Paper Award
6. Sixth executive meeting Date: December 22  
 Place: Kyodai-kaikan Attendees: 17
- Meeting Report of the Japan Council
  - Activities of Kansai Section, each Committee and Chapter
  - Judge of Kansai Section GOLD Award
  - Judge of Kansai Section Student Paper Award
  - Kansai Section Medal
  - 2009 New Fellows

## Part B. Organizational Activities in 2008

### 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 2008 is as follows:

Grade	Grade Code	number
Honorary Member	H	0
Life Fellow	LF	29
Fellow	F	49
Life Senior Member	LS	7
Senior Member	SM	102
Pending Senior Member	PS	0
Life Member	LM	43
Member	M	1,490
Pending Member	PM	0
Life Associate	LA	0
Associate	AM	95
Graduate Student Member	GSM	179
Student	StM	114
<b>Total</b>		<b>2,108</b>
Affiliate of an IEEE Society	AF	138



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 new Senior Member and support 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 4 New Senior Members in annual section meeting on February 24, 2009.

## **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 12 winners of this award in 2008.

We have five student branches; Osaka University, Kyoto University, Ritsumeikan University, NAIST (Nara Institute of Science and Technology) and University of Hyogo. We are acting to establish a new Student Branch in Kansai Section in cooperation with Kobe University, Kansai University and Osaka Prefecture University.

We had also several other technical and social events for students in Kansai Section.

### B-3 Nominations Committee

Nominations Committee asked Fellow members in Kansai Section to recommend fellow up-grade candidates. 5 members have been endorsed from Kansai Section. We ended up with 2 new Fellow members in Kansai Section.

### B-4 Awards Committee

Awards Committee established the IEEE Kansai Section GOLD Award in 2001. This award is for students or younger members who have contributed to IEEE Kansai Section's activities. The 2008 Kansai Section GOLD Award was awarded to Mr. Yuichiro Ikeda (University of Hyogo) and Mr. Yoshihisa Fujimoto (SHARP Cooperation) in annual section meeting on February 24 2009.

*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 12 winners of this award in 2008.

*Photo 3 IEEE Kansai Section Student Paper Award*



The IEEE Kansai Section Student Paper Award was presented to 12 winners at commendation ceremony in annual section meeting on February 24, 2009.

### B-5 Chapter Operations Committee

Chapter Promotion Committee was reorganized into Chapter Operations Committee in 2008 with the aim of organizing new chapters and supporting chapters in Kansai Section. The following Kansai Section Chapter has been formed in 2008.

CE (Consumer Electronics Society) Kansai Chapter

### B-6 Professional Activities

#### Lectures:

1. Lecturer: Dr. Katsuya Watanabe (**Ministry of Internal Affairs and Communications**)  
Dr. Seizou Onoue (NTT docomo)  
Title: An Up-to-date Trend in Wireless Communication Technology  
Date: January 25, 2008

- Place: Garden City Club Osaka
2. Lecturer: Prof. Shinji Tomita (Kyoto University)  
 Prof. Nikil Dutt (Center for Embedded Computer Systems, UC Irvine)  
 Title: Commemorative Lectures for the Establishment of IEEE Computer Society Kansai Chapter  
 Date: January 28, 2008  
 Place: Kyoto University
  3. Lecturer: Dr. Shinobu Masaki (ATR-Promotions)  
 Prof. Shigeru Katagiri (Doshisha University)  
 Title: Speech Production and Pattern Recognition  
 Date: March 26, 2008  
 Place: Hotel New Hankyu Osaka
  4. Lecturer: Dr. Hideo Miyahara (National Institute of Information and Communications Technology)  
 Title: Toward the Advanced Information and Communications Society  
 Date: May 15, 2008  
 Place: Hotel New Hankyu Osaka
  5. Lecturer: Prof. Ingo Fischer (Heriot-Watt University, U.K.)  
 Dr. Claudio Mirasso (Universitat de les Illes Balears, Spain )  
 Dr. Michael Breakspear (University of New South Wales, Australia)  
 Title: Synchronization of Chaos in Lasers and Neural Systems  
 Date: September 8, 2008  
 Place: NTT Communication Science Laboratories
  6. Lecturer: Dr. Timothy M. King (Convener of ISO/TC184/SC4/WG13 (Industrial Data Quality)  
 Head of the UK Delegation to ISO/TC184/SC4 (Industrial Data))  
 Title: ISO 8000 - A new step for information management  
 Date: October 31, 2008  
 Place: University of Hyogo

### **Workshop cooperated with other institutes:**

IMFEDK

The 2008 International Meeting for Future of Electron Devices, Kansai

Date: 22-23 May 2008

Place: Nakanoshima Center of Osaka University, Osaka, JAPAN

The Basic Act on the Advancement of Utilizing Geospatial Information (NSDI Act of Japan) and Denshi Kokudo (Digital Japan) Web System

Date: June-October 2008 (five times)

Place: Nara Prefectural Cultural Hall, Nara, JAPAN  
 Nara University, Nara, 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 three technical meetings and one educational meeting. SSSC Kansai Chapter had three technical meetings and eight educational meetings. CAS Kansai Chapter had three technical meetings. APS Kansai Chapter had two technical meetings. COMS Kansai Chapter had two technical meetings. CS Kansai Chapter had two technical meetings. MTTs Kansai Chapter had five technical meetings and seven educational meetings. LEOS Kansai Chapter had fourteen technical meetings. SPS Kansai Chapter had two technical meetings.

## **Part C. Goals and Action Plans in 2009**

### **C-1 Executive Meeting**

We will have 5 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**

EMC'09

International Symposium on Electromagnetic Compatibility

Date: 20-24 July 2009,

Place: Kyoto International Conference Center, Kyoto, JAPAN

IMFEDK

The 2009 International Meeting for Future of Electron Devices, Kansai

Date: 14-15May 2009

Place: Kansai University, Osaka, JAPAN

# [ANNEX I]

Table 1 Finance Report in 2008

## 1. Receipts

(Japanese Yen)

<b># IEEE Entity</b>	<b>5,309,132</b>	
Section Rebate (IEEE Head Quarter)	1,215,449	\$11,568
Section Assessment (IEEE Head Quarter)	4,060,901	\$39,397.5
Others (IEEE Head Quarter)	32,782	\$312
<b># Section Support</b>	<b>869,680</b>	
Section Support (Japan Council)	120,000	GOLD Award
Section Support (Japan Council)	416,000	Student Paper Award
Section Support (Japan Council)	333,680	Kansai Section Medal
<b># Other(Repayment)</b>	<b>169,578</b>	Milestone Plaque etc.
<b># Interest</b>	<b>4,974</b>	
<b># Surplus (Brought forward)</b>	<b>1,891,147</b>	
<b>Total</b>	<b>8,244,511</b>	

## 2. Expenses

(Japanese Yen)

<b># IEEE Entity</b>	<b>4,241,304</b>	
Japan Council	4,057,666	
Chapter Rebate	170,738	\$1,625.00
Section Support Refund (Japan Council)	12,900	GOLD Award
<b># Meeting &amp; Award</b>	<b>1,933,571</b>	
Annual Meeting	156,215	
Technical Lecture	120,000	
Executive Meeting	265,798	
Committee Meeting	388,710	MDC/SAC
Gold Award	107,100	
Student Paper Award	409,980	
Section Medal	333,440	
Student Branch Support	49,485	Ritsumeikan University
Milestone	102.843	History Center's Visitors
<b># Management &amp; General</b>	<b>226,506</b>	
<b># Surplus</b>	<b>1,843,130</b>	
<b>Total</b>	<b>8,244,511</b>	