

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 2085 (See Item B-1). This number increased by 42 compared to December 31, 2006.

In 2007 the Section had five executive meetings, one annual section meeting, five technical lectures and one special event (See Part D). In 2008 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 (2007-2008)

Section Officers:

Chair:

Hiroshi Matsumoto (Kyoto University)

Vice-chair:

Toru Chiba (SHARP Corporation)

Secretary/Treasurer:

Tetsuo Iwase (SHARP Corporation)

Executive Committee Members:

Membership Development Committee Chair:

Hironori Yamauchi (Ritsumeikan University)

Nominations Committee Chair:

Yukihiro Nakamura (Ritsumeikan University)

Student Activities Committee Chair:

Takao Onoye (Osaka University)

Technical Program Committee Chair:

Masato Miyoshi (NTT Communication Science Laboratories)

Awards Committee Chair:

Toru Kikuno (Osaka University)

Chapter Operations Committee Chair:

Miki Yamamoto (Kansai University)

Past Chair:

Masaki Koyama (Nara Institute of Science and Technology)

Past Vice-chair:

Takumi Tanioka (The Kansai Electric Power Co., Inc.)

Past Secretary/Treasurer:

Fumiaki Ishida (The Kansai Electric Power Co., Inc.)

Past MDC Chair:

Masahiro Hashimoto (Osaka Electro-Communication University)

Past SAC Chair:

Hideo Fujiwara (Nara Institute of Science and Technology)

Past TPC Chair:

Seiichi Yamamoto (Doshisha University)

A.4 List of Chapter Officers (2007-2008)

EDS (Electron Devices Society) Kansai Chapter

Chair: Tadashi Nishimura (Renesas Technology Corporation)
Vice-chair: Yasuhisa Omura (Kansai University)
Secretary: Yasuo Inoue (Renesas Technology Corporation)
Treasurer: Naoto Matsuo (University of Hyogo)

SSCS (Solid-State Circuits Society) Kansai Chapter

Chair: Seiji Yamaguchi (Matsushita Electric Industrial Co., Ltd.)
Vice-Chair: Masahiko Yoshimoto (Kobe University)
Secretary: Tomohiro Fujita (Ritsumeikan University)
Treasurer: Hideyuki Kabuo (Matsushita Electric Industrial Co., Ltd.)

CAS (Circuits and Systems Society) Kansai Chapter

Chair: Hidetoshi Onodera (Kyoto University)
Vice-Chair: Nagisa Ishiura (Kwansei Gakuin University)
Secretary: Masanori Hashimoto (Osaka University)
Treasurer: Takahiro Ichinomiya (Matsushita Electric Industrial Co., Ltd.)

APS (Antennas and Propagation Society) Kansai Chapter

Chair: Masanobu Kominami (Osaka Electro-Communication University)
Vice-chair: Koichi Ogawa (Matsushita Electric Industrial Co., Ltd.)
Secretary: Hiroyuki Deguchi (Doshisha University)
Treasurer: Hiroshi Iwai (Matsushita Electric Industrial Co., Ltd.)

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: Yukihiko Nakamura (Ritsumeikan University)
Vice-Chair: Akira Motohara (Matsushita Electric Industrial Co., Ltd.)
Secretary: Naoaki Aoki (Matsushita Electric Industrial Co., Ltd.)
Treasurer: Hiroyuki Ochi (Kyoto University)

MTTS (Microwave Theory and Techniques Society) Kansai Chapter

Chair: Ikuo Awai (Ryukoku University)
Vice-Chair: Kenji Itoh (Mitsubishi Electric Corporation)
Secretary: Hitoshi Shimasaki (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: Atsushi Nakamura (NTT Communication Science Laboratories)
Secretary: Hiroaki Nanjo (Ryukoku University)
/Treasurer

A.5 Administrative Meetings

The Kansai Section had the following five executive meetings in 2007.

1. First executive meeting Date: January 19
Place: PALULU Plaza KYOTO Attendees: 8
Issues: - 2007 Annual Meeting of Kansai Section
- 2006 Financial Report
- Establishment of New Chapter
2. Second executive meeting Date: February 12
Place: Kyodai-kaikan Attendees: 12
Issues: - 2007 Annual Meeting of Kansai Section
- Establishment of New Chapter

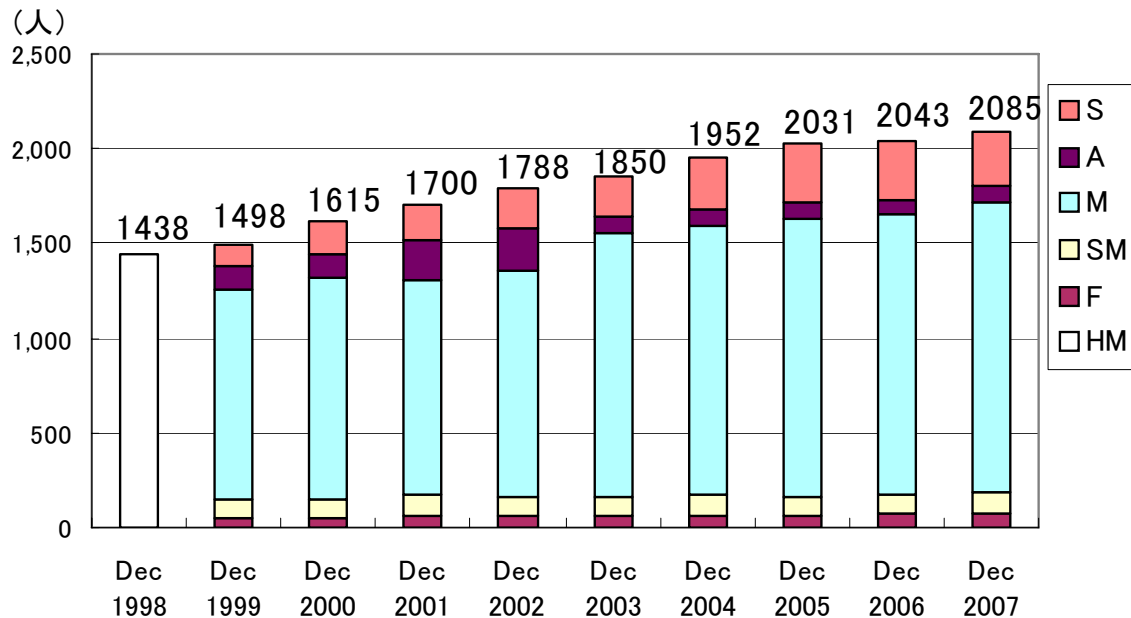
3. Third executive meeting Date: May 19
 Place: Kyodai-kaikan Attendees: 8
 Issues
 - Meeting Report of the Japan Council
 - Meeting Report of Region 10 Meeting 2007
 - Meeting Report of Kansai Section MDC/SAC Meeting
4. Fourth executive meeting Date: September 11
 Place: Campus Plaza Kyoto Attendees: 10
 Issues
 - Meeting Report of the Japan Council
 - Measure of Kansai Section Medal
 - Kansai Section GOLD Award
 - Kansai Section Student Paper Award
 - Activities of Kansai Section Committee
 - 2007 Interim Financial Report
 - IEEE Milestones Presentation Ceremony
5. Fifth executive meeting Date: December 18
 Place: Yoshida Izumidono (Kyoto University) Attendees: 9
 Issues
 - 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
 - 2008 New Fellows
 - The nomination of 2009 Fellows

Part B. Organizational Activities in 2007

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 2007 is as follows:

Grade	Grade Code	number
Honorary Member	HM	0
Life Fellow	LF	23
Fellow	F	51
Life Senior Member	LS	7
Senior Member	SM	109
Pending Senior Member	PS	0
Life Member	LM	33
Member	M	1,498
Pending Member	PM	0
Life Associate	LA	0
Associate	A	79
Student	S	285
Total		2,085



The membership development committee has been acting the following projects for increase of IEEE member in Kansai Section.

1. Announcement of merit of IEEE membership.
2. Increase of Senior member in Kansai Section. (Statistics say 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.
3. Five members increase in MDC (Each member of MDC tries to increase membership in their organizations.)

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 28, 2008.

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 13 winners of this award in 2007.

We have four student branches; Osaka University, Kyoto University, Ritsumeikan University, NAIST (Nara Institute of Science and Technology). The petition to form an IEEE Student Branch at University of Hyogo was submitted in 2007 and was approved by the Regional Activities Board in January, 2008. We are acting to establish a new Student Branch in Kansai Section in cooperation with Kobe 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. 6 members have been endorsed from Kansai Section. We ended up with 3 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 2007 Kansai Section GOLD Award was awarded to Mr. Fumihiko Hyuga (Kyoto University) and Mr. Tatsuhiro Tsuchiya (Osaka University) in annual section meeting on February 28, 2008.

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 13 winners of this award in 2007.

Photo 3 IEEE Kansai Section Student Paper Award



The IEEE Kansai Section Student Paper Award was presented to 13 winners at commendation ceremony in annual section meeting on February 28, 2008.

B-5 Chapter Operations Committee

Chapter Promotion Committee was reorganized into Chapter Operations Committee in 2007 with the aim of organizing new chapters and supporting chapters in Kansai Section. The following two Kansai Section Chapters have been formed in 2007.

- LEOS (Lasers and Electro-Optics Society) Kansai Chapter
- SPS (Signal Processing Society) Kansai Chapter

B-6 Professional Activities

Lectures:

1. Lecturer: Prof. Shinichi Sakaguchi (Institute of Systems & Information Technologies/KYUSYU)
Title: Present Tendency of Intellectual Property and Notable Cases of License Dispute
Date: January 26, 2007
Place: University of Hyogo
2. Lecturer: Mr. Roland John Saam (IEEE Region 8 News Editor)
Title: Pocket Computers - the history of wonderful product design-

Date: April 13, 2007

Place: University of Hyogo

3. Lecturer: Dr. Timothy M. KING (LSC Group(UK))

Title: An Industrial Perspective on Fourteen Fundamental Challenges of Enterprise Integration

Date: June 28, 2007

Place: University of Hyogo

4. Lecturer: Dr. Richard. Gowen (IEEE History Committee),

Prof. Isao Shirakawa (University of Hyogo),

Mr. Kazuo Inoue (Kintetsu Corporation (former company)),

Mr. Toshio Tanaka (Omron Corporation (former company))

Title: IEEE Milestones commemorative lectures

Date: November 27, 2007

Place: Central Electric Club

5. Lecturer: Prof. Kiyohiro Shikano (Nara Institute of Science and Technology)

Title: New Speech Media Applied to Universal Communication

Date: December 20, 2007

Place: NTT Communication Science Laboratories

Workshop cooperated with other institutes:

IMFEDK

The 2007 International Meeting for Future of Electron Devices, Kansai

Date: 23-25 April 2007,

Place: Nakanoshima Center of Osaka University, Osaka, JAPAN

IEEE ISAF

2007 IEEE International Symposium on the Applications of Ferroelectrics

Date: 27-31 May 2007,

Place: Nara Prefectural New Public Hall, Nara, JAPAN

e-Administration Advisor Club (NPO)

Course of Lectures in Next Generation Network Services

Date: June-November 2007,

Place: Hokubu Chamber, Civil Culture Hall, Nara, JAPAN

The Institute of Electrical Engineers of Japan

Annual Conference of the Fundamentals and Materials Society

Date: 27-28 August 2007,

Place: Osaka University, Osaka, JAPAN

Institute of Systems, Control and Information Engineers (ISCIE):

ISCIE Seminar 2007

Date: 11-12 October 2007,

Place: Osaka Office of Ritsumeikan University, Osaka, JAPAN

B-7 Chapter Activities

We have 9 chapters including newly established two chapters in 2007. Most of the chapters were very active. EDS Kansai Chapter had three technical meetings and two educational meeting. SSCS Kansai Chapter had two technical meetings and five educational meetings. CAS had three technical meetings. APS Kansai Chapter had three technical meetings. CS Kansai Chapter had two technical meetings. MTTS Kansai Chapter had four technical meetings and two educational meetings. LEOS Kansai Chapter had six technical meetings.

Part C. Goals and Action Plans in 2008

C-1 Executive Meeting

We will have 7 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 2008 International Meeting for Future of Electron Devices, Kansai

Date: 22-23 May 2007,

Place: Nakanoshima Center of Osaka University, Osaka, JAPAN

EMC'09

International Symposium on Electromagnetic Compatibility

Date: 20-24 July 2009,

Place: Kyoto International Conference Center, Kyoto, JAPAN

Part D. Others

D-1 IEEE Milestones in Electrical Engineering and Computing

The Railroad Ticket Examining System based on joint work by Osaka University, Kintetsu, Omron, and Hankyu Corporations that is nominated from IEEE Kansai Section has been recognized with a prestigious IEEE Milestones in Electrical Engineering and Computing. Presentation Ceremony was held in Osaka on November 27, 2007.

The IEEE established the Electrical Engineering Milestones program in 1983 to honor significant achievements in the history of electrical and electronics engineering that have contributed to the betterment of society. Currently there are more than 75 Milestones around the world. In Japan, the Directive Short Wave (“Yagi”) Antenna (1995), the Mount Fuji Radar System (2000), the Tokaido Shinkansen (“Bullet Train”) (2000), the Electronic Quartz Wristwatch (2004), the Pioneering Work on Electronic Calculators (2005), and the Development of VHS, World Standard of Home VTR (2006) have been recognized. The Railroad Ticket Examining System was the seventh such IEEE Milestone.

Photo 4 IEEE Milestones Presentation Ceremony



The lecture meeting was held in commemoration of the prestigious IEEE Milestones in Electrical Engineering and Computing in Osaka on November 27, 2007. We invited Dr. Richard. Gowen (IEEE

History Committee), Prof. Isao Shirakawa (University of Hyogo), Mr. Kazuo Inoue (former Kintetsu Corporation), and Mr. Toshio Tanaka (former Omron Corporation). Dr. Richard. Gowen , Prof. Isao Shirakawa, Mr. Kazuo Inoue (Kintetsu Corporation), Mr. Toshio Tanaka (Omron Corporation employee) gave lectures entitled ‘IEEE Global History Network’, ‘A tough experience in development of the algorithm for course judgment for a commuter pass’, ‘The Railroad Ticket Examining System - The origin of the idea and an unexpected encounter in the development process-’, and ‘The challenge to develop the Railroad Ticket Examining System from the viewpoint of users – The challenge of starting at zero had made preposterous things commonsense! -’, respectively.

Photo 5 IEEE Milestones Commemorative Lecture Meeting



Dr. Richard. Gowen



Prof. Isao Shirakawa



Mr. Kazuo Inoue



Mr. Toshio Tanaka

Table 1 Finance Report in 2007

1. Receipts

(Japanese Yen)

# IEEE Entity	5,330,949	
Section Rebate (IEEE Head Quarter)	1,272,882	\$10,371.4
Section Assessment (IEEE Head Quarter)	4,058,067	\$35,950.28
# Section Support	804,720	
Section Support (Japan Council)	60,000	Gold Award
Section Support (Japan Council)	320,000	Student Paper Award
Section Support (Japan Council)	331,920	Kansai Section Medal
Section Support (Japan Council)	92,800	Lecture Meeting
# Other (Repayment)	638,571	Milestone Plaque etc.
# Interest	2,214	
# Surplus (Brought forward)	1,754,479	
Total	8,530,933	

2. Expenses

(Japanese Yen)

# IEEE Entity	4,140,385	
Japan Council	4,057,542	
Chapter Rebate	82,843	\$675.00
# Meeting & Award	2,479,493	
Annual Meeting	157,901	
Technical Lecture	120,000	
Executive Meeting	143,355	
Committee Meeting	483,156	MDC/SAC, CPC
Gold Award	124,780	
Student Paper Award	336,526	
Section Medal	331,840	
Student Branch Support	45,000	Ritsumeikan University
Milestone	736,935	Plaque, Lecture Meeting etc.
# Management & General	19,908	
# Surplus	1,891,147	
Total	8,530,933	