

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 2043 (See Item B-1). This number increased by 12 compared to December 31, 2005.

In 2006 the Section had seven executive meetings, one annual section meeting, seven technical lectures and one special event (See Part D). In 2007 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 (Kyoto 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 (Kanden Joy Life Co., Ltd.)
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 / ATR)

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: Yukihiro Nakamura (Kyoto 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: Takashi Ohira
(Advanced Telecommunications Research Institute International)
Vice-Chair: Kenji Itoh (Mitsubishi Electric Corporation)
Secretary: Hitoshi Shimasaki (Kyoto Institute of Technology)
Treasurer: Kenichi Maruhashi (NEC Corporation)

A.5 Administrative Meetings

The Kansai Section had the following seven executive meetings in 2006.

1. First executive meeting Date: January 17
Place: Central Electric Club Attendees: 9
Issues: - 2006 Annual Meeting of Kansai Section
- 2005 Financial Report
- Establishment of Chapter Promotion Committee in Kansai Section
2. Second executive meeting Date: February 14
Place: The Kansai Electric Power Co., Inc. Head Office Attendees: 11
Issues: - 2006 Annual Meeting of Kansai Section
- Establishment of Chapter Promotion Committee in Kansai Section
- IEEE Milestone Award Memorial Lecture
3. Third executive meeting Date: April 6
Place: Central Electric Club Attendees: 6
Issues: - Meeting Report of the Japan Council
- Meeting Report of Region 10 Meeting 2006
- Schedule of the election of 2007/2008 officers
- IEEE Milestone Award Memorial Lecture

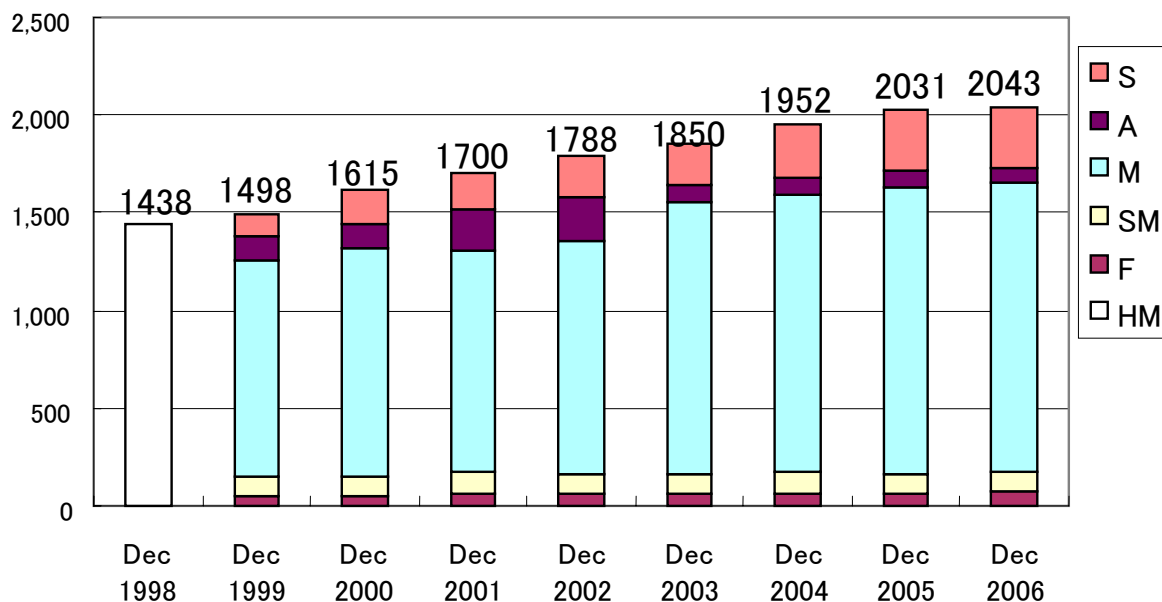
4. Fourth executive meeting Date: June 27
 Place: Central Electric Club Attendees: 7
 Issues - Meeting Report of the 1st Meeting of Chapter Promotion Committee
 - Appointment of Executive Nominations Committee
5. Fifth executive meeting Date: September 12
 Place: Central Electric Club Attendees: 7
 Issues - Meeting Report of the Japan Council
 - Election of the candidate of 2007/2008 officers
 - Measure of Kansai Section Medal
 - Kansai Section GOLD Award
 - Kansai Section Student Paper Award
 - Activities of Kansai Section Committee
 - 2006 Interim Financial Report
6. Sixth executive meeting Date: November 8
 Place: Central Electric Club Attendees: 10
 Issues - Progress of the Election of 2007/2008 officers
 - Schedule of succession of old and new officers
 - Judge of Kansai Section Student Paper Award
 - Request for Activities of Kansai Section, each Committee and Chapter
7. Seventh executive meeting Date: December 14
 Place: Nakanoshima Plaza 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
 - 2007 New Fellows
 - The nomination of 2008 Fellows

Part B. Organizational Activities in 2006

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 2006 is as follows:

Grade	Grade Code	number
Honorary Member	HM	0
Life Fellow	LF	21
Fellow	F	48
Life Senior Member	LS	5
Senior Member	SM	102
Pending Senior Member	PS	0
Life Member	LM	29
Member	M	1,444
Pending Member	PM	5
Life Associate	LA	0
Associate	A	77
Student	S	312
Total		2,043



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. Committee members of MDC try 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 21 New Senior Members in annual section meeting on February 6, 2007.

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 10 winners of this award in 2006.

In Kansai Section, we have four student branches; Osaka University, Kyoto University, Ritsumeikan University and NAIST (Nara Institute of Science and Technology). 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. 9 members have been endorsed from Kansai Section. We ended up with 5 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 2006 Kansai GOLD Award was awarded to Mr. Hiroshi Kawaguchi (Kobe University) and Mr. Tomoharu Nakashima (Osaka Prefecture University) in annual section meeting on February 6, 2007.

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 10 winners of this award in 2006.

Photo 3 IEEE Kansai Section Student Paper Award



The IEEE Kansai Section Student Paper Award was presented to 10 winners at commendation ceremony in annual section meeting on February 6, 2007.

B-5 Chapter Promotion Committee

Chapter Promotion Committee was established in 2006 with the aim of organizing new chapters in Kansai Section. The following 4 Kansai Section Chapters have been formed with a formation date of December 5, 2006.

- CS (Computer Society) Kansai Chapter
- APS (Antennas and Propagation Society) Kansai Chapter
- COMS (Communications Society) Kansai Chapter
- MTTS (Microwave Theory and Techniques Society) Kansai Chapter

B-6 Professional Activities

Lectures:

1. Lecturer: Prof. Sadaoki Furui (Tokyo Institute of Technology)
Title: Past, Present and Future of Speech recognition/understanding technology
Date: August 31, 2006
Place: NTT Communication Science Laboratories
2. Lecturer: Prof. Rajarshi Roy (University of Maryland)
Title: Chaotic yet consistent? Synchronization of driven nonlinear systems
Date: November 8, 2006
Place: NTT Communication Science Laboratories
3. Lecturer: Dr. Mitsuo Kawato (ATR)
Title: New Frontier of Computational Brain Imaging
Date: December 6, 2006
Place: NTT Communication Science Laboratories
4. Lecturer: Prof. Kou Yamada (Kyoto University)
Title: Processing technology of nanotechnology
Lecturer: Dr. Yasuo Hirata (KDDI Corporation)
Title: Continuous evolution of Information Technology
Date: November 17, 2006
Place: Kyoto University
5. Lecturer: Mr. Ryuichi Kinoshita (WILLCOM, Inc)
Title: Development of PHS business in the future
Date: December 1, 2006
Place: University of Hyogo
6. Lecturer: Dr. Kenji Matsumura (KCS)
Title: Trend of RFID Business
Date: December 8, 2006
Place: University of Hyogo
7. Lecturer: Prof. Marvin Minsky (Massachusetts Institute of Technology)
Title: Commonsense Thinking
Date: December 5, 2006
Place: NTT Communication Science Laboratories

Workshop cooperated with other institutes:

IMFEDK

The 2006 International Meeting for Future of Electron Devices, Kansai

Date: 24-26 April 2006,

Place: Kyoto University, Kyoto, JAPAN

ISCIE:

ISCIE Seminar 2006

Date: 11-12 October 2006,

Place: Osaka Office of Ritsumeikan University, Osaka, JAPAN

B-7 Chapter Activities

We have 7 chapters including newly established 4 chapters in December 2006. Each chapter was very active. EDS Kansai Chapter had three technical meetings and two educational meeting, SSCS Kansai Chapter had three technical meetings and three educational meetings, and CAS had five technical meetings.

Part C. Goals and Action Plans in 2007

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 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

CPC was reorganized into COC as a standing committee in Kansai Section. It 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 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

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

Part D. Others

D-1 IEEE Milestone Award Memorial Lecture

The lecture meeting was held in commemoration of Sharp's electronic desktop calculator having been recognized with a prestigious IEEE Milestone in Electrical Engineering and Computing in Tokyo on April 6, 2006. We invited Prof. Janina Mazierska (IEEE Region 10 Director), Dr. David K. Allison (Chair, Information Technology & Society Division, National Museum of American History Smithsonian Institution), Dr. Atsushi Asada (Corporate Advisor of Nintendo Co. Ltd.) and Mr. Eiju Matsumoto (Research Associate, NMAH, Smithsonian Institution) , Dr. Allison, Dr. Asada, and Mr. Matsumoto gave lectures entitled 'A Museum View of the History of Electronic Calculators.', 'A Technology of Sharp to Go Down to History: The Rewards of Industry for Development of Electronic Calculators', and 'Current Movements and Exhibits of Smithsonian Institution' respectively.

Photo 4 IEEE Milestone Award Memorial Lecture



Prof. Janina Mazierska



Dr. David K. Allison



Dr. Atsushi Asada



Mr. Eiju Matsumoto

D-2 IEEE Milestone in Electrical Engineering and Computing

The IEEE History Committee has voted to recommend approval of the milestone nominated by Kansai Section, "Railroad Ticket Examining System" (OMRON Corporation), to the IEEE Executive Committee. The IEEE Executive Committee will vote at its next meeting (April 22) whether to give final approval of the milestone.

Table 1 Finance Report in 2006

1. Receipts

(Japanese Yen)

# IEEE Entity	5,476,941	
Section Rebate (IEEE Head Quarter)	1,322,546	\$11,605.25
Section Assessment (IEEE Head Quarter)	4,154,395	\$35,966.61
# Section Support	704,380	
Section Support (Japan Council)	60,000	Gold Award
Section Support (Japan Council)	319,800	Student Paper Award
Section Support (Japan Council)	324,580	Kansai Section Medal
# Other (Repayment)	214,837	Milestone Plaque etc.
# Interest	328	
# Surplus (Brought forward)	1,568,203	
Total	7,964,689	

2. Expenses

(Japanese Yen)

# IEEE Entity	4,228,270	
Japan Council	4,151,475	
Chapter Rebate	76,795	\$675.00
# Meeting & Award	1,943,703	
Annual Meeting	172,748	
Technical Lecture	60,000	
Executive Meeting	325,383	
Committee Meeting	347,807	MDC/SAC, CPC
Gold Award	60,000	
Student Paper Award	359,770	
Section Medal	324,680	
Student Branch Support	40,000	Ritsumeikan University
Milestone	253,315	Plaque, Travel Expenses etc.
# Management & General	38,237	
# Surplus	1,754,479	
Total	7,964,689	