

# 2015 IEEE Kansai Section Report

## PART A. SECTION SUMMARY

### A.1 Executive Summary

#### A.1-1 Section Executive Committee Member List (2015-2016)

2015

Section Officers:

Chair: Hironori Yamauchi (Ritsumeikan University)  
Vice-Chair: Mototaka Taneya (Sharp Corporation)  
Secretary/Treasurer: Nobuyuki Takamori (Sharp Corporation)

Standing Committee Chairs:

Membership Development Committee Chair:  
Masahiro Fukui (Ritsumeikan University)  
Nominations Committee Chair:  
Toshiharu Sugie (Kyoto University)  
Student Activities Committee Chair:  
Arata Kawamura (Osaka University)  
Technical Program Committee Chair:  
Jun Cheng (Doshisha University)  
Awards Committee Chair:  
Tatsuhiko Tsuchiya (Osaka University)  
Chapter Operations Committee Chair:  
Yoshinobu Kajikawa (Kansai University)

Affinity Group Chairs:

Life Members Affinity Group Chair:  
Masahiro Hashimoto (ex Osaka Electro-Communication University)  
WIE (Women in Engineering) Affinity Group Chair:  
Michiko Inoue (Nara Institute of Science and Technology)  
YP (Young Professionals) Affinity Group Chair:  
Takeshi Kumaki (Ritsumeikan University)

Past Officers/ Past Committee Chairs:

Past Chair:  
Hidetoshi Onodera (Kyoto University)  
Past Vice-Chair:  
Naonori Ueda (Nippon Telegraph and Telephone Corp.)  
Past Secretary:  
Takeshi Yamada (Nippon Telegraph and Telephone Corp.)  
Past Treasurer:  
Takayuki Suyama (Advanced Telecommunications Research Institute International)  
Past MDC Chair:  
Takeshi Ogura (Ritsumeikan University)  
Past TPC Chair:  
Shinji Tanabe (Mitsubishi Electric Corp.)  
Past AC Chair:  
Shinji Kusumoto (Osaka University)  
Past COC Chair:  
Takao Onoye (Osaka University)

## 2016

### Section Officers:

Chair: Hironori Yamauchi (Ritsumeikan University)  
Vice-Chair: Mototaka Taneya (Sharp Corporation)  
Secretary: Nobuyuki Takamori (Sharp Corporation)  
Treasurer: Hiroshi Kawamura (Sharp Corporation)

### Standing Committee Chairs:

Membership Development Committee Chair:  
Masahiro Fukui (Ritsumeikan University)  
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Tatsuhiko Tsuchiya (Osaka University)  
Chapter Operations Committee Chair:  
Yoshinobu Kajikawa (Kansai University)

### Affinity Group Chairs:

Life Members Affinity Group Chair:  
Masahiro Hashimoto (ex Osaka Electro-Communication University)  
WIE (Women in Engineering) Affinity Group Chair:  
Shoko Araki (Nippon Telegraph and Telephone Corp.)  
YP (Young Professionals) Affinity Group Chair:  
Takeshi Kumaki (Ritsumeikan University)

## A.1-2 Section Highlights

The IEEE Kansai Section was established in November 1998. As of January, 2016, it comprises of 2,245 members (see B-1).

In 2015, we had five executive committee meetings, an annual section meeting and six technical meetings.

In 2015, we held an IEEE Milestones dedication ceremony with great successes, namely “The MU (Middle and Upper atmosphere) radar, 1984”, which was nominated by the Kansai Section. We strengthened the promotion of the senior member upgrade, resulting in the number of newly elevated senior members in our section in a year increasing from the previous year (from 15 to 17). We extended a technical chapter, MAG-33 into joint chapter as Kansai Section being their administrative parent. Furthermore, the WIE and YP Affinity groups, which were established last year, accelerated their activities. We have now thirteen technical chapters including four joint chapters and three affinity groups (LM/WIE/YP), each of which is very active and makes the activities of Kansai Section even more extensive and attractive.

## A.1-3 Major Events (International, National)

### Administrative Meetings

The Kansai Section had the following six executive committee meetings in 2015.

1. 1st executive committee meeting  
Place: Campus Plaza Kyoto  
Issues: 2015 Action and Financial Plans, Preparations for 2015 Annual Meeting of Kansai Section, Annual Section Report Draft  
Date: January 16  
Attendance: 18
2. 2nd executive committee meeting  
Place: Campus Plaza Kyoto  
Date: February 10  
Attendance: 16

Issue: 2015 Annual Meeting of Kansai Section

3. 3rd executive committee meeting Date: May 27  
Place: Campus Plaza Kyoto Attendance: 18  
Issues: Report of the Region 10 annual meeting  
Report of the 1st Japan Council Excom meeting  
Report of the 1<sup>st</sup>-3<sup>rd</sup> Japan Council Industrial Promotion Com. meeting  
Report of the delegation of IEEE headquarter Report of IEEE  
Milestone dedication ceremony held on May 13  
Report of Metro Area Workshop 2015 and planning of Metro Area  
Workshop 2016
  
4. 4th executive committee meeting Date: September 10  
Place: Ritsumeikan University Umeda Campus Attendance: 12  
Issues: Invitation for Young Professionals Award and Section  
Student Paper Award  
Planning of Metro Area Workshop 2016
  
5. 5th executive committee meeting Date: December 18  
Place: Ritsumeikan University Umeda Campus Attendance: 15  
Issues: Young Professionals Award and Section Student Paper Award  
Selections  
Planning of Metro Area Workshop 2016  
Planning of Hestelcon 2017  
2016 Action and Financial Plans, Preparations for 2015 Annual  
Meeting of Kansai Section

### **IEEE Milestones dedication ceremonies**

We organized one IEEE Milestone dedication ceremony with great successes.

1. The MU (Middle and Upper atmosphere) radar, 1984
  - Contributors: Kyoto University and Mitsubishi Electric Corporation
  - Proposal Form Submitted: October 3, 2013, History Committee Approval: July 30, 2014, Board of Directors Approval: December 24, 2014
  - The dedication ceremony followed by celebration party and commemorative lectures was held on May 13, 2015 at Shiran-Kaikan in Kyoto University.
  - The plaque was presented by IEEE President Howard E. Michel.

### **Major Chapter Activities**

- Kansai Section Magnetic Society Chapter was reorganized to KANSAI/SHIKOKU Joint Section Consumer Electronics Society Chapter, as of March 3, 2015.
- EDS and SSCS Kansai Chapter jointly sponsored 2015 International Meeting for Future of Electron Devices, Kansai (IMFEDK 2015) which was held at Ryukoku University Avanti Kyoto Hall from June 4 to 5, 2015, and was supported by IEEE Kansai Section. There were 150 participants, mostly students and young researchers. They had a keynotes and three invited talks. Tutorial talks titled "Development history of blue light-emitting-diodes" and "Fundamentals and Applications of Microwave Technology" were also given before the main conference. One IEEE EDS Kansai Chapter IMFEDK Best Paper Award, five IEEE EDS Kansai Chapter IMFEDK Student Paper Awards and one IEEE SSCS Kansai Chapter IMFEDK Student Paper Award were presented.

### **Major Student and Affinity Group Activities**

- The Student Branch of Ritsumeikan University held its annual English Presentation Competition at Biwako-Kusatsu Campus on October 15, 2015. It had 21 presentations including two presentations by the students of and Tsinghua University in total and 30

participants joined from seven student branches of the Kansai Section. Three Excellent Awards and three Challenge Awards were presented to the best speakers.

- The first MDC, SAC and YP joint workshop was held to discuss action plans on June 18, 2015.
- The second MDC, SAC and YP joint workshop was held to discuss promotion of IEEE on December 11, 2015.
- WIE Affinity Group held WIE symposium at Osaka Institute of Technology UMEKITA Knowledge Center on September 26, 2015 with 38 participants. The symposium consisted of three invited talks and one group discussion session. This workshop was co-hosted by YP AG.
- Life Members Affinity Group (LMAG) held the second LMAG annual meeting on February 10, 2015. LMAG held the following three technical meetings with on-site tours, namely, (1) at MU Rader in Shigaraki-cho on June 3, 2015 with 13 participants (2) at RIKEN Spring-8 Center in Sayo-cho on September 24, 2015 with 16 participants and (3) at Kwasan Observatories, Kyoto University in Kyoto City on December 15, 2015 with 13 participants.

### **Awards**

- The Kansai Section Student Paper Awards were presented to nine recipients in 2015.
- The Kansai Section Young Professional Award was presented to one recipient in 2015.
- The Kansai Section medals were presented to seventeen newly elevated senior members in 2015.

## A-2 Financial Report

The section's finances are in good condition as shown below.

### 1. Receipts

(Yen)		
<b># IEEE Entities</b>	<b>6,413,261</b>	
Section Rebate (IEEE Headquarters)	1,674,169	\$13,875.10
Section Assessments (IEEE Headquarters)	4,473,262	\$37922.34
Student Branch Rebate	118,176	\$972.00
LMAG 2014	46,676	\$390.14
WIE 2014&2015	88,828	\$750.00
YP 2015	12,151	\$100.00
<b># Section Support</b>	<b>1,589,014</b>	
Section Support (Japan Council)	17,542	YP Medal
Section Support (Japan Council)	220,000	Student Paper Awards
Section Support (Japan Council)	180,240	Kansai Section Medals
Section Support (Japan Council)	50,000	WIE Symposium
Section Support (Japan Council)	200,000	Student Branch
Payment from Companies	726,232	Milestone Plaque
Banquet participation fees	195,000	Annual Meeting
<b># Interest</b>	<b>1,700</b>	
<b># Surplus (brought forward)</b>	<b>2,066,640</b>	
<b>Total</b>	<b>10,070,615</b>	

### 2. Expenses

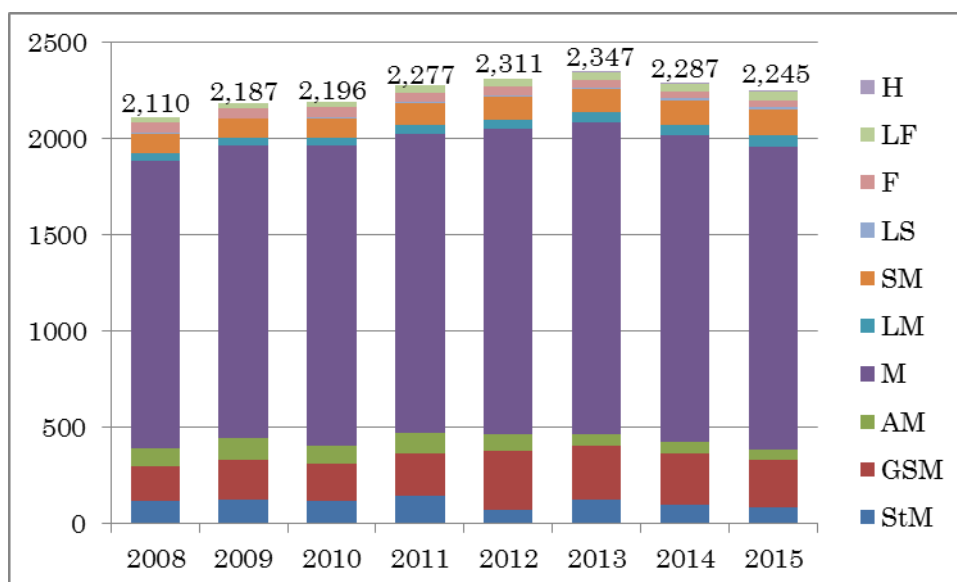
(Yen)		
<b># IEEE Entities</b>	<b>4,505,754</b>	
Japan Council	4,023,788	Contribution for Section Assessments
Chapter Rebates	363,790	\$3,015.00
Student Branch Rebates	118,176	6 STBs
<b># Meetings &amp; Awards</b>	<b>2,602,398</b>	
Annual Meeting	320,490	Room charges, banquet expenses, etc.
Executive Committee Meetings	152,470	Room charges, etc.
Committee Meetings	169,731	Two MDC/SAC joint meetings and a meeting of SB
YP Awards	29,170	Medal
Student Paper Awards	227,242	Awards
Section Medals	402,115	Japan MINT
Student Branch Support	274,771	Ritsumeikan University
LMAG Support	43,200	honorarium to a lecturer
WIE Support	114,177	
YP Support	123,487	MDC/SAC/YP WS(2014), Banner
Milestone Ceremony	24,343	
Milestone Plaque	717,953	
MAW 2016 Preparation Committee Meetings	3,249	
<b># Management &amp; General</b>	<b>33,133</b>	
<b># Others</b>	<b>27,635</b>	Bank Fees
<b># Surplus</b>	<b>2,901,696</b>	
<b>Total</b>	<b>10,070,615</b>	

## Part B. Organizational Activities in 2015

### B-1 Membership Development Activities

The member statistics by grade in the section at the end of December, 2015 are as follows:

Grade	Grade Code	Number
Honorary Member	H	1
Life Fellow	LF	43
Fellow	F	33
Life Senior Member	LS	18
Senior Member	SM	130
Life Member	LM	62
Member	M	1,570
Associate Member	AM	54
Graduate Student Member	GSM	247
Student Member	StM	87
Total		<b>2,245</b>



The Membership Development Committee has actively pursued the following projects to increase the number of IEEE members in the Kansai Section in corporation with Student Activities Committee.

1. MDC organized two MDC, SAC and YP joint workshops on June 18, 2015 and November 11, 2015 to advertise and share the benefits of IEEE membership and to make a smooth transition for students from student membership to standard membership when graduated.
2. MDC periodically reviewed the membership statistics in major organizations (companies and research institutes) and shared them with the MDC members who are from those organizations.
3. MDC is continuously supporting the scheme to increase the number of Senior Members in the Kansai Section. Those IEEE members who wish to be a senior member can contact MDC and get quick and precise assistances. The application instructions for Senior Member grade on the section's website were revised and became more informative, resulting in the number of newly elevated senior members in our section in a year being increasing against the previous year (from 15 to 17).
4. To advertise IEEE membership, posters, leaflets and ball point pens with IEEE logos were presented at local technical meetings and workshops.
5. Email to promote renewal was sent to all IEEE members in Kansai Section.
6. The IEEE Kansai Section Medal is presented to new Senior Members. The medal is

designed with a portrait of Gennai Hiraga, who was a multi-talented person, especially known as writer and inventor in Edo era, and assembled Japan's first electrostatic generator (called Elekiter), which used the power of friction to generate electricity. We presented the medals to seventeen new Senior Members at the annual section meeting on February 2, 2016.

## B-2 Chapter Activities

- Total number of Chapters in the Section is now 13 including 4 joint chapters.
- In 2015, we welcomed Magnetic Society Kansai/Shikoku joint Chapter as the 13<sup>th</sup> chapter parented by the Kansai Section. Including this, there are four chapters that were reorganized into joint chapters parented by the Kansai Section as follows.
  - Kansai Section Consumer Electronics Society Chapter was reorganized to Kansai/Nagoya/Hiroshima/Shikoku/Fukuoka Joint Section Consumer Electronics Society Chapter, alternatively called Consumer Electronics Society West Japan Joint Chapter, as of January 8, 2014.
  - Japan Council Industrial Electronics Society Chapter was reorganized as Kansai/Sapporo/Sendai/Shin-Etsu/Tokyo/Nagoya/Hiroshima/Shikoku/Fukuoka Joint Section Industrial Electronics Society Chapter, alternatively called Industrial Electronics Society All Japan Joint Chapter, as of June 3, 2014.
  - Kansai Section Antenna and Propagation Society Chapter was reorganized as Kansai/Hiroshima/Shikoku Joint Section Antenna and Propagation Society Chapter, alternatively called Antenna and Propagation Society Kansai Joint Chapter, as of August 12, 2014.
  - Kansai Section Magnetic Society Chapter was reorganized as Kansai/Shikoku Joint Section Magnetic Society Chapter, as of March 3, 2015.
- Summary of Chapter activities (Chapter wise with attachment table/information)

Organizational Unit	Meeting Title	Meeting Date	Number of Attendees
ED15	Report on IEDM 2014	2015/2/3	35
ED15	IMFEDK 2015 Tutorial	2015/6/4	150
ED15	The 2015 International Meeting for Future of Electron Devices, Kansai	2015/6/4	150
ED15	Technical Lecture meeting	2015/11/24	26
ED15	15th Kansai Colloquium, Electron Devices Workshop	2015/12/15	43
SSC37	Integrated Circuits and Devices Seminar	2015/1/29	30
SSC37	Analog RF Seminar	2015/3/2	82
SSC37	International Workshop on Nanodevice Technologies 2015	2015/3/3	195
SSC37	IEEE SSCS Kansai Chapter Technical Seminar	2015/3/10	91
SSC37	Analog RF Seminar	2015/3/23	89
SSC37	VDEC Refresh Seminar	2015/3/23	47
SSC37	Integrated Circuits and Devices Seminar	2015/4/16	42
SSC37	LSI and Systems Workshop	2015/5/11	250
SSC37	VDEC Refresh Seminar	2015/5/21	15
SSC37	VDEC Refresh Seminar	2015/6/9	13
SSC37	International Symposium on IoT Enabling Chips	2015/6/20	124
SSC37	VDEC Refresh Seminar	2015/6/22	19
SSC37	Analog RF Seminar	2015/6/25	60
SSC37	VDEC Refresh Seminar	2015/6/29	9

SSC37	Integrated Circuits and Devices Seminar	2015/7/2	60
SSC37	The 2015 International Conference on Integrated Circuits, Design, and Verification (ICDV 2015)	2015/8/10	80
SSC37	Integrated Circuits and Devices Seminar	2015/8/24	40
SSC37	VDEC Designers Forum 2015	2015/8/28	62
SSC37	VDEC Refresh Seminar	2015/8/29	15
SSC37	VDEC Refresh Seminar	2015/9/7	6
SSC37	Integrated Circuits and Devices Seminar	2015/10/26	52
SSC37	Analog RF Seminar	2015/11/24	59
SSC37	Integrated Circuits and Devices Seminar for Young Researchers	2015/12/17	100
CAS04	Seminar	2015/7/24	92
CAS04	The 28th workshop on circuits and systems	2015/8/3	225
CAS04	The 15th International Symposium on Communications and Information Technologies (ISCIT 2015)	2015/10/7	171
CAS04	Seminar	2015/11/13	30
CAS04	The 58th Japan Joint Automatic Control Conference	2015/11/14	779
CAS04	Seminar	2015/12/1	200
AP03	Special talk	2015/2/19	38
AP03	Special Talk	2015/5/21	34
AP03	Seminar	2015/8/29	35
AP03	Special talk	2015/10/23	32
AP03	Special talk	2015/12/19	176
COM19	Distinguished Lecture	2015/5/11	40
COM19	Distinguished Lecture	2015/7/24	31
COM19	IEEE COMS Kansai Chapter Student Workshop	2015/11/28	30
C16	IEEE Computer Society Kansai Chapter 1st Lecture Meeting	2015/5/29	64
C16	IEEE Computer Society Kansai Chapter 2nd Lecture Meeting	2015/10/16	64
MTT17	Workshop on automotive wireless communication technologies	2015/1/31	99
MTT17	The 8th Kansai Microwave Meeting for Young Engineers	2015/6/13	53
MTT17	IEEE MTT-S Japan/Kansai/Nagoya Chapters Distinguished Microwave Lecture Meeting	2015/9/22	85
MTT17	Workshop on GaN device and their application in microwave	2015/10/17	73
MTT17	Workshop on 5G Mobile Communications and Wireless Technologies	2015/11/21	61
MTT17	IEEE AP-S Kansai chapter and MTT-S Kansai Chapter Young Engineer Technical Meeting	2015/12/19	119
PHO36	The annual IEEE Photonics Society Kansai Chapter Special Seminar	2015/01/31	99



PHO36	Presentation School for International Conferences	2015/06/13	53
PHO36	Memorial Seminar on the International Year of Light 2015	2015/09/22	85
PHO36	20th Microoptics Conference (MOC 2015)	2015/10/17	73
PHO36	NEDO Symposium on Next Generation Laser Technologies	2015/11/21	61
SP01	Seminar	2015/02/26	76
SP01	Seminar	2015/03/02	136
SP01	Seminar	2015/06/23	90
SP01	The 28th Workshop on Circuits and Systems	2015/08/03	222
SP01	Luncheon Meeting for IEEE SPS Membership Development	2015/08/04	8
SP01	Seminar	2015/08/06	51
SP01	Invited Lecture	2015/08/20	53
SP01	Invited Lecture	2015/09/19	62
SP01	Seminar	2015/10/07	60
SP01	Oriental COCODA/CASLRE Conference	2015/10/28	130
SP01	IEEE Signal Processing Society Distinguished Lecture	2015/11/05	254
CE08	IEEE West Japan Chapter Technical Meeting 2015-1	2015/01/23	22
CE08	2015 IEEE 4rd Global Conference on Consumer Electronics	2015/10/27	300
CS23	SICE Kansai - ISCIE workshop for young researchers	2015/01/16	91
CS23	SICE Multi Symposium on Control Systems 2015 (MSCS2015)	2015/03/04	489
CS23	Seminar	2015/04/14	28
CS23	ISCIE - SICE tutorial lecture	2015/06/18	25
CS23	ISCIE seminar	2015/11/13	50
CS23	The 58th Joint Conference on Automatic Control	2015/11/14	651
IE13	Joint Technical Meeting	2015/01/23	278
IE13	207th Technical Meeting	2015/04/18	129
IE13	208th Technical Meeting	2015/06/20	99
IE13	209th Technical Meeting	2015/08/01	52
IE13	210th Technical Meeting	2015/10/18	88
IE13	211th Technical Meeting	2015/12/19	180

### B.3 Professional and Continuing Education Activities

The section organized the following six technical meetings.

1.

Lecturers: 1) Dr. Shinji Tanabe (Mitsubishi Electric Corporation)

2) Dr. Naonori Ueda (NTT Communication Science Laboratories)

Titles: 1) Big data analytics: A potential technique for solving inverse electromagnetic problems

2) Basics of statistical machine learning techniques for big data analytics

Date: March 5, 2015

Place: Kyotanabe Campus, Doshisha University (Kyotanabe City, Kyoto, Japan)

2.

Lecturers: 1) Prof. Isao Shirakawa (History Committee, IEEE Japan Council)  
2) Prof. Toshitaka Tsuda (Kyoto University)  
3) Dr. Kyosuke Hamazu (Former Project Manager, Mitsubishi Electric Corp.)  
Titles: 1) Overview of IEEE Milestone  
2) Summary of 30-year achievement of the MU radar  
3) Radar development in Mitsubishi Electric Corp.  
Date: May 13, 2015  
Place: Kyoto University (Kyoto City, Kyoto, Japan)

3.

Lecturer: Prof. Tarik Taleb (Aalto University, Finland)  
Title: Towards 5G: Carrier-grade programmable virtual mobile networks  
Date: May 11, 2015  
Place: Kyotanabe Campus, Doshisha University (Kyotanabe City, Kyoto, Japan)

4.

Lecture: Prof. Li Ping (City University of Hong Kong, IEEE fellow)  
Title: Towards 5G: Non-orthogonal multiple-access via IDMA  
Date: Aug. 20, 2015  
Place: Kyotanabe Campus, Doshisha University (Kyotanabe City, Kyoto, Japan)

5.

Lecturers: 1) Dr. Hideo Ago (RIKEN, Japan Synchrotron Radiation Research Institute)  
2) Dr. Kensuke Toyono (RIKEN, Japan Synchrotron Radiation Research Institute)  
Titles: 1) Protein crystallography at SPring-8 as an infrastructure for drug discovery  
2) SACLA: Research results and outlook  
Date: Sept. 24, 2015  
Place: RIKEN, Japan Synchrotron Radiation Research Institute (Sayo-cho, Hyogo, Japan)

6.

Lecture: 1) Dr. Kazunari Shibata (Kwasan Observatory of Kyoto University)  
Titles: 1) The marvels of the sun and the super flare  
Date: Dec. 15, 2015  
Place: Kwasan Observatory of Kyoto University (Kyoto City, Kyoto, Japan)

## B.4 Students Activities

- The Kansai Section has seven student branches: Osaka University, Kyoto University, Ritsumeikan University, NAIST (Nara Institute of Science and Technology), University of Hyogo, Kansai University, and Doshisha University.
- Those seven student branches are all active.
- The chairs of the student branches held SB Chair Meeting on July 27, 2015, where they reported their activities and discuss action plans.
- The Student Activities Committee (SAC) organized two MDC, SAC and YP joint workshop on June 18, 2015 and November 11, 2015 to support young and women members.
- The SAC founded the Kansai Section Student Paper Awards 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 nine award recipients in 2015.
- The Student Branch of Ritsumeikan University held its annual English Presentation Competition at Biwako-Kusatsu Campus on October 15, 2015. It had 21 presentations including two presentations by the students of and Tsinghua University in total and 30 participants joined from seven student branches of the Kansai Section. Three Excellent Awards and three Challenge Awards were presented to the best speakers.
- As a networking activity, Kansai Section Student Branches exchange meeting was held on December 25, 2015 at Kansai University.

## **B.5 Affinity Group Activities**

### **B.5-1 Young Professional Affinity Group**

- The first YP kickoff meeting was held on 11, March, 2015.
- YP chair took part in IEEE MAW in Tokyo on 27, May, 2015.
- The first MDC, SAC and YP joint workshop was held to discuss action plans on June 18, 2015.
- The second YP meeting was held to check and discuss action plans on 21, August, 2015.
- Ritsumeikan university IEEE student branch and Kansai YP English presentation competition was held on 16, October, 2015.
- The second MDC, SAC and YP joint workshop was held to discuss promotion of IEEE on December 11, 2015.

### **B.5-2 WIE Affinity Group**

- WIE Affinity Group held WIE symposium at Osaka Institute of Technology UMEKITA Knowledge Center on September 26, 2015 with 38 participants. The symposium consisted of three invited talks and one group discussion session. This workshop was co-hosted by YP AG.
- WIE had four officers meetings in 2015 for discussing our action plans and for preparing the symposium.
- WIE had an officers meeting on October 7, 2015, where we had an exchange of views with the IEEE R10 WIE Coordinator, Dr. Supavadee Aramvith.
- WIE joined in the IEEE R10 Student/YP/WIE Congress on July 7-12, 2015.
- WIE contributed an article on IEEE Kansai WIE to the Japan society for software science and technology.
- WIE co-sponsored two technical symposiums on April 25 and October 17, 2015.

### **B.5-3 Life Members Affinity Group**

- The third LMAG annual meeting was held on February 10, 2015.
- LMAG had three officers meetings in 2015 to discuss action plans for 2015.
- In corporation with TPC, LMAG held the following three technical meetings with on-site tours, namely, (1) at MU Rader in Shigaraki-cho on June 3, 2015 with 13 participants (2) at RIKEN Spring-8 Center in Sayo-cho on September 24, 2015 with 16 participants and (3) at Kwasan Observatories, Kyoto University in Kyoto City on December 15, 2015 with 13 participants.
- LMAG issued "Kansai-LMAG Newsletter" in May and December by email and on the Kansai Section WEB. Through these activities, LMAG has developed up-to-date LMAG members' network.

## **B.6 Awards & Recognition Activities**

- The Kansai Section Student Paper Awards were presented to nine recipients in 2015.
- The Kansai Section Young Professional Award was presented to one recipient in 2015.
- The Kansai Section medals were presented to seventeen newly elevated senior members in 2015.

## **B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)**

- The Kansai Section website was renovated and reopened in September 2011. Since then, it has been actively updated. The “what’s new” page shows there were more than thirty items that were updated in 2015. The URL is <http://www.ieee-jp.org/section/kansai/>
- We issued two newsletters in May and October, 2015. They reported section annual meeting and Young Professionals and student awards announcements and results and

- new officers and new executive committee member candidates as well as summaries and announcements of the past and upcoming technical meetings.
- We also actively used Mailing List for timely announcements of upcoming events.

## Part C. Others

### Workshops in cooperation with other institutes

The section supported the following 4 workshops.

IMFEDK2015 (International Meeting for Future of Electron Devices, Kansai)

- Organizer(s): IEEE EDS Kansai Chapter and IEEE SSCS Kansai Chapter
- Dates: June 4-5, 2015
- Place: Ryukoku University Avanti Kyoto Hall in Kyoto City

The 2015 International Conference on Integrated Circuits, Design, and Verification (ICDV 2015)

- Organizer(s): IEICE Vietnam Section
- Dates: Aug 10-11, 2015
- Place: Ho Chi Minh city

The 15th International Symposium on Communications and Information Technologies (ISCIT 2015)

- Organizer(s): IEEE Circuits and Systems Society,  
IEICE(The Institute of Electronics, Information and Communication Engineers)
- Dates: October 7-9, 2015
- Place: Nara Kasugano International Forum IRAKA

2015 TRON Symposium

- Organizer(s): TRON forum
- Dates: December 9-11, 2015
- Place: Tokyo Midtown Hall

## Part D. Goals and Action Plans in 2016

### D-1 Executive Meetings

We will have six executive committee meetings this year. We already had two executive committee meetings in January and in February.

### D-2 Membership Development Committee

The members in MDC will try to increase memberships in their respective organizations.

### D-3 Nominations Committee

The NC will nominate Fellow upgrade candidates.

### D-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.

### D-5 Awards Committee

The AC will conduct the selection process for the IEEE Kansai Section Young Professionals Awards and IEEE Kansai Section Student Paper Awards.

### D-6 Chapter Operations Committee

The COC will promote cooperation between chapters and will work to establish new chapters and extend existing chapters into joint chapters in the Kansai Section.

### D-7 Technical Program Committee

The TPC will plan and hold several technical meetings.

### D-8 Affinity Groups

- Life Members Affinity Group

The third LMAG annual meeting was held on February 2, 2016. We are planning a couple of attractive technical meetings (including “on-site” ones) in corporation with Kansai TPC, Kansai WIE and Kansai YP. We will issue “Kansai-LMAG Newsletter” by email and on the Kansai Section WEB.

- **WIE Affinity Group**

The WIE AG will plan events and meetings aiming at encouraging women researchers and engineers to communicate and exchange useful information for issues such as work-life-balance in corporation with Kansai TPC and Kansai LMAG/YP.

- **YP Affinity Group**

The YP AG will plan events and meetings aiming at encouraging young researchers and engineers to communicate and exchange useful information in corporation with Kansai TPC and Kansai LMAG/WIE.

## **D-9 Chapters**

Each chapter will hold various events including technical meetings, workshops and conferences.

## **D-10 Workshops in cooperation with other institutes**

IMFEDK2016 (International Meeting for Future of Electron Devices, Kansai)

- Organizer(s): IEEE EDS Kansai Chapter and IEEE SSCS Kansai Chapter
- Dates: June 23-24, 2016
- Place: Ryukoku University Avanti Kyoto Hall in Kyoto City