

# Fukuoka Section

## PART A - SECTION SUMMARY

### A.1 Executive Summary – (Please follow the format given below)

- Section Executive Committee Member List
  - Chair: Tanemasa ASANO (Kyushu University)
  - Vice Chair: Masayoshi ARITSUGI (Kumamoto University)
  - Secretary: Hiromi YUASA (Kyushu University)
  - Treasurer: Koichiro TANAKA (Kyushu Institute of Technology)
  - Past Chair: Akira FUKUDA (Nagasaki University)
  - MDC Chair: Satoshi OHTAKE (Oita University)
  - PAC Chair: Noritaka SHIGEI (Kagoshima University)
  - SAC Chair: Hidenori MARUTA (Nagasaki University)
  - CPC Chair: Sei-ichi TSUJIMURA (Kagoshima University)
  - NC Chair: Keijiro ARAKI (Kyushu University)
- Section Highlights
  - The number of the IEEE Fukuoka Section membership is 763 (January 2019).
- Major Events (International, National)
  - IEEE Milestone Ceremony for “Outdoor Large-Scale Color Display System, 1980” in Nagasaki
  - IEEE Metro Area Workshop in Fukuoka
- Major Chapter Activities
- Major Student and Affinity Group Activities
- Awards
 

We had 39 applicants of students younger than 35 years old, and 10 recipients were elected through evaluating their published papers for the Annual Excellent Student Award. We had 14 applicants younger than 35 years old, and 2 recipients were elected through evaluating their oral presentation and published papers for the Annual Excellent Presentation Award.

### A.2 Financial Report – (Please follow the format given below)

- Summary (as per submitted L50)
 

Details of the financial report are represented in Table 2 in Annex. The overall financial condition of Fukuoka Section is in good shape.
- Any other financial activities

## PART B - ORGANIZATIONAL ACTIVITIES

### B.1 Membership Development Activities

- Total number of active members in the past 3 years.
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members

### B.2 Chapter Activities

- Total number of Chapters in the Section
  - 7
- Number of Chapters formed in the current year
  - 1
- Number of active Chapters (Chapters who have reported required number of meetings during the year)
  - 7

- Summary of Chapter activities (Chapter wise with attachment table/information)
  - CAS(Circuits and Systems) Society
  - C (Computer) Society
  - AP (Antennas & Propagation) Society
  - EMB (Engineering in Medicine & Biology) Society
  - PEL (Power Electronics) Society
  - PHO (Photonics) Society
  - MAG (Magnetics) Society

### **B.3 Professional and Continuing Education Activities**

Summary of continuing Educational activities including conferences, technical activities, training courses, and distinguished lecture programs with attachment table / information

- See Table 3.

### **B.4 Students Activities**

- Total number of Student Branches in the Section
  - 2
- Number of Student Branches formed in the current year
  - 0
- Section level student activities (student congress, paper and other contests, awards etc)
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)
  - 2
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
  - SB in Kumamoto University
  - SB in Ryukyu University

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

- Young Professional (YP)
- Women In Engineering (WIE)
- Life Member

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

- Award constituted by the Section
  - Annual Excellent Student Award of the IEEE Fukuoka Section
  - Annual Excellent Presentation Award of the IEEE Fukuoka Section
- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year 2015
  - 2018 Milestone
  - 2017 Outstanding Section Membership Retention Performance
  - 2016 Outstanding Section Membership Retention Performance
  - 2016 Outstanding Section Membership Recruitment and Retention Performance

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

- Newsletter (name and number of issues in the year)
  - none
- Home Page of the Section (give the URL and how often it is updated)
  - <http://www.ieee-jp.org/section/fukuoka/index.php>
- Other means of contacts with Section members including social media
  - none

### **B.8 Industry Relations**

- Membership growth and retention
- Activities for/with industrial members

## **B.9 Humanitarian Technology Activities**

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.
- SIGHT Activities

## **B.10 Community Activities**

- IEEE Social activities (Family day, IEEE day, Engineers Week)”

## **PART C - OTHERS**

### **C.1 Special Events**

The Fukuoka Section participates Organization of JCEEE Kyushu (Organization of Joint Conference of Electrical and Electronics Engineers in Kyushu) from 2006. The Fukuoka Section co-sponsors the annual conference of JCEEE Kyushu (Joint Conference of Electrical and Electronics Engineers in Kyushu). We make continuous efforts to collaborate with other domestic societies and other sections to increase the technical activities.

### **C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)**

- Nature of relationship and details of any formal agreement signed
- Details of joint activities
- Benefit to IEEE members (for example discounts, access to technical information etc.)
- Benefit to Section (for example help in membership development, venue facilities, cost saving etc.)

### **C3. Collaboration with other IEEE Sections**

- Support extended to neighboring Sections
- Joint activities with any other Section

### **C.4 Support extended to Sub-sections & Society Chapters within the Section**

- Support extended for organising technical, educational and professional activities
- Joint activities for membership development
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section

### **C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members)**

### **C.6 Problems anticipated and suggestions for solutions, if any**

## **PART D - GOALS AND PLANS**

### **D.1 Continuation of project/activity in progress and their implementation plans**

**D.2 Goals and Future Plans**

**D.3 Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.**

**D.4. Business Plan for Sustainable Growth and Financial Stability.**

# **ANNEX**

**Table 1: Membership Development of the IEEE Fukuoka Section from 2012**

IEEE Current Grade Description	Count of Members						
	2018.1	2017.1	2016.1	2015.1	2014.1	2013.1	2012.1
Associate Member	21	22	23	25	25	25	32
Fellow	6	7	8	8	9	10	10
Honorary Member	0	0	0	0	0	1	1
Life Fellow	7	7	6	8	10	10	9
Life Member	15	16	14	15	10	10	9
Life Senior	4	7	4	4	3	3	1
Member	515	600	617	596	591	565	565
Senior Member	36	34	33	32	31	31	29
Student Member	17	44	32	42	54	23	32
Graduate Student Member	106	157	135	151	139	122	110
Total	763	894	872	881	872	800	798

**Table 2: Finance Report for the year ending December 31, 2018**

RECEIPTS	
Balance beginning of the year	3,852,572
Milestone Plaque, temporary	423,360
Rebate from IEEE Headquarter	699,434
Student branch Rebate from IEEE Headquarter	10,141
Support for R10 SWYL from IEEE Headquarter	54,710
Support for MAW from Japan Council	593,380
MAW banquet attendance fee	32,000
Section Assessment feedback	202,573
Section Assessment from IEEE Headquarter	1,558,257
Society Funding	222,440
Interest	36
Total	JPY 7,648,903
EXPENSES	
Lecture & Social Events	100,137
MAW operating cost	648,282
Support to Kyushu meeting of EEIE	50,000
Support to Student Branch	59,925
Expense for Student and Presentation Awards	231,705
Travel fee to Fukuoka Section meeting	144,080
Travel fee to R10 SYWL	205,220
Web Site Maintenance	20,000
Support to Japan Council	1,557,717
Chapter Formation Support	100,000
Society Funding, Mag Chapter	221,900
Chapter Rebate to Chapters	145,029
ISIT allowance	50,000
Other Management	11,432
General Expenses	1,494
Loans for International Conferences	0
Total	JPY 3,546,921
<b>SURPLUS</b>	<b>JPY 4,101,982</b>

**Table 3: List of Technical Lecture Meetings and Symposia held in 2018**

1. Jan 8, 2018  
 Meeting Title: A Security Protocol Based on a CAN Data Compression Algorithm for In-Vehicle Networks  
 Speaker: Prof. Jin Gyun Chung, Division of Electronic Engineering Chonbuk National University, South Korea  
 Venue: Nagasaki Univ. Faculty of Engineering Bldg. 2 Room 22
2. Jan 27, 2018  
 Meeting Title: IEEE Fukuoka Section board meeting  
 Venue: ISIT (Fukuoka)  
 Attendees: 15
3. March 1~2, 2018  
 Meeting Title: Information technologies symposium in Country of Fire  
 Venue: Nagasaki Univ.]
4. March 27 and 31, 2018  
 Meeting Title: The 6th IIAE International Conference on Industrial Application Engineering 2018 (ICIAE2018)  
 Venue: Okinawa Danjo Kyodosankaku Center
5. June 23, 2018  
 Meeting Title: IEEE Fukuoka Section board meeting  
 Venue: ISIT (Fukuoka)  
 Attendees: 13
6. July 24, 2018  
 Meeting Title: Electricity energy lecture, Inter-college educational program  
 Sub title: Power electronics technologies and applications  
 Venue: Kyushu Univ. Ito campus, Bldg. West 2 Room 328
7. Aug 28~29, 2018  
 Meeting Summer Workshop 2018 by Kyushu section of Japan Society for Fuzzy Theory and Intelligent Informatics  
 Venue: Kirishima Hotel, Kagoshima
8. Sep 6~7, 2018  
 Meeting Discussion of Electrical Energy in Japan in the future  
 Venue: FIT Seminar House, Yufuin, Oita
9. Sep 10~14, 2018  
 Meeting Title: The 6th IIAE International Conference on Intelligent Systems and Image Processing 2018 (ICISIP2018)  
 Venue: Kunibiki Messe ( Shimane Prefecture Industrial Community Center )
10. Sep 13, 2018  
 Meeting Title: Annual Conference on Industrial Application Engineering 2018  
 Venue: Kunibiki Messe ( Shimane Prefecture Industrial Community Center )
11. Sep 27~28, 2018  
 Meeting Title: Joint conference of Electical, Electronics and Information Engineers in Kyushu  
 Venue: Oita Univ., Oita
12. October 21-24, 2018  
 Meeting Title: International Conference on Intelligent Informatics and Biomedical Sciences (ICIIBMS)  
 Venue: Emerald Hotel in Bangkok, Thailand  
 Venue: Oita Univ., Oita
13. Nov 5, 2018  
 Meeting Title: IEEE Metro Area Workshop in Fukuoka 2018  
 Venue: Fukuoka
14. Nov 17~19, 2018

Meeting Title: The 3rd International Symposium on Artificial Intelligence and Robotics 2018 (ISAIR2018)

Sub Title: Approaches to combination of AI and IoT for next generation

Venue: Nanjin Univ. International Conference Center

15. Nov 27 ~30, 2018

Meeting Title: 2018 International Symposium on Intelligent Signal Processing and Communication Systems (ISPACS 2018)

Venue: InterContinental Resort in Ishigaki

16. Dec 16~18, 2018

Meeting Title: JAC-ECC 2018: Japan-Africa Conference on Electronics, Communications and Computations 2018 ( JAC-ECC )

Venue: Alexandria, Egypt