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)
  o CAS (Circuits and Systems) Society
  o C (Computer) Society
  o AP (Antennas & Propagation) Society
  o EMB (Engineering in Medicine & Biology) Society
  o PEL (Power Electronics) Society
  o PHO (Photonics) Society
  o 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

  o See Table 3.

B.4 Students Activities

• Total number of Student Branches in the Section
  o 2
• Number of Student Branches formed in the current year
  o 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)
  o 2
• Summary of Student Branch activities (Student Branch wise with attachment table/information)
  o SB in Kumamoto University
  o 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
  o Annual Excellent Student Award of the IEEE Fukuoka Section
  o 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
  o 2018 Milestone
  o 2017 Outstanding Section Membership Retention Performance
  o 2016 Outstanding Section Membership Retention Performance
  o 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)
  o none
• Home Page of the Section (give the URL and how often it is updated)
  o http://www.ieee-jp.org/section/fukuoka/index.php
• Other means of contacts with Section members including social media
  o 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.)

C.3 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.

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

<table>
<thead>
<tr>
<th>Associate Member</th>
<th>Count of Members</th>
<th>2018.1</th>
<th>2017.1</th>
<th>2016.1</th>
<th>2015.1</th>
<th>2014.1</th>
<th>2013.1</th>
<th>2012.1</th>
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<tbody>
<tr>
<td>Fellow</td>
<td></td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>25</td>
<td>25</td>
<td>25</td>
<td>32</td>
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<tr>
<td>Honorary Member</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Life Fellow</td>
<td></td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>8</td>
<td>8</td>
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<tr>
<td>Life Fellow</td>
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<td>15</td>
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<td>14</td>
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<td>Life Senior</td>
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<td>4</td>
<td>7</td>
<td>4</td>
<td>4</td>
<td>3</td>
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<td>1</td>
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<tr>
<td>Member</td>
<td></td>
<td>515</td>
<td>600</td>
<td>617</td>
<td>596</td>
<td>591</td>
<td>565</td>
<td>565</td>
</tr>
<tr>
<td>Senior Member</td>
<td></td>
<td>36</td>
<td>34</td>
<td>33</td>
<td>32</td>
<td>31</td>
<td>31</td>
<td>29</td>
</tr>
<tr>
<td>Student Member</td>
<td></td>
<td>17</td>
<td>44</td>
<td>32</td>
<td>42</td>
<td>54</td>
<td>23</td>
<td>32</td>
</tr>
<tr>
<td>Graduate Student Member</td>
<td></td>
<td>106</td>
<td>157</td>
<td>135</td>
<td>151</td>
<td>139</td>
<td>122</td>
<td>110</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>763</td>
<td>894</td>
<td>872</td>
<td>881</td>
<td>872</td>
<td>800</td>
<td>798</td>
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</table>
### Table 2: Finance Report for the year ending December 31, 2018

#### RECEIPTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Balance beginning of the year</td>
<td>3,852,572</td>
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<tr>
<td>Milestone Plaque, temporary</td>
<td>423,360</td>
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<tr>
<td>Rebate from IEEE Headquarter</td>
<td>699,434</td>
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<td>Student branch Rebate from IEEE Headquarter</td>
<td>10,141</td>
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<tr>
<td>Support for R10 SWYL from IEEE Headquarter</td>
<td>54,710</td>
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<tr>
<td>Support for MAW from Japan Council</td>
<td>593,380</td>
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<tr>
<td>MAW banquet attendance fee</td>
<td>32,000</td>
</tr>
<tr>
<td>Section Assessment feedback</td>
<td>202,573</td>
</tr>
<tr>
<td>Section Assessment from IEEE Headquarter</td>
<td>1,558,257</td>
</tr>
<tr>
<td>Society Funding</td>
<td>222,440</td>
</tr>
<tr>
<td>Interest</td>
<td>36</td>
</tr>
<tr>
<td>Total</td>
<td>JPY 7,648,903</td>
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</table>

#### EXPENSES

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture &amp; Social Events</td>
<td>100,137</td>
</tr>
<tr>
<td>MAW operating cost</td>
<td>648,282</td>
</tr>
<tr>
<td>Support to Kyushu meeting of EEIE</td>
<td>50,000</td>
</tr>
<tr>
<td>Support to Student Branch</td>
<td>59,925</td>
</tr>
<tr>
<td>Expense for Student and Presentation Awards</td>
<td>231,705</td>
</tr>
<tr>
<td>Travel fee to Fukuoka Section meeting</td>
<td>144,080</td>
</tr>
<tr>
<td>Travel fee to R10 SYWL</td>
<td>205,220</td>
</tr>
<tr>
<td>Web Site Maintenance</td>
<td>20,000</td>
</tr>
<tr>
<td>Support to Japan Council</td>
<td>1,557,717</td>
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<tr>
<td>Chapter Formation Support</td>
<td>100,000</td>
</tr>
<tr>
<td>Society Funding, Mag Chapter</td>
<td>221,900</td>
</tr>
<tr>
<td>Chapter Rebate to Chapters</td>
<td>145,029</td>
</tr>
<tr>
<td>ISIT allowance</td>
<td>50,000</td>
</tr>
<tr>
<td>Other Management</td>
<td>11,432</td>
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<tr>
<td>General Expenses</td>
<td>1,494</td>
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<tr>
<td>Loans for International Conferences</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>JPY 3,546,921</td>
</tr>
</tbody>
</table>

**SURPLUS**

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPY 4,101,982</td>
</tr>
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</table>
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 Electrical, 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
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