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

- Section Executive Committee Member List
  
  **Officers [2023-2024]:**
  - **Chair:** Hiroji Masuda (Shimane University)
    masuda@ecs.shimane-u.ac.jp
  - **Vice Chair:** Suguru Kameda (Hiroshima University)
    kameda3@hiroshima-u.ac.jp
  - **Secretary:** Daisuke Kushida (Tottori University)
    kushida@tottori-u.ac.jp
  - **Treasurer:** Masaru Fukushi (Yamaguchi University)
    mfukushi@yamaguchi-u.ac.jp
  
  **Executive Committee Members [2021-2022]:**
  - Zu Soh (Hiroshima University)
    [Additional Post: Membership Development Committee Chair]
    sozu@hiroshima-u.ac.jp
  - Kosuke Kato (Hiroshima Institute of Technology)
    [Additional Post: Chapter Promotion Committee Chair]
    k.katoh.me@cc.it-hiroshima.ac.jp
  - Jun Imai (Okayama University)
    [Additional Post: Educational Activities Chair]
    imai-j@okayama-u.ac.jp
  - Kiyotaka Komoku (Okayama Prefectural University)
    [Additional Post: Women in Engineering Committee Chair]
    takimoto@coka-pu.ac.jp
  - Makoto Kobayashi (Hiroshima City University)
    [Additional Post: Young Professional Committee Chair]
    m-kob@hiroshima-cu.ac.jp
  - Noboru Nakamichi (Fukuyama University)
    [Additional Post: Industry Relation Committee Chair]
    nakamichi@fukuyama-u.ac.jp
  - Kenichi Takahashi (Tottori University)
    [Additional Post: Student Activities Committee Chair]
    takahashi@tottori-u.ac.jp
  - Hitoshi Sakano (Shimane University)
    [Additional Post: Student Activities Committee Chair]
    sakano@cis.shimane-u.ac.jp
  - Hidekazu Murata (Yamaguchi University)
    [Additional Post: Fellow Committee Chair]
    muratahidekazu@yamaguchi-u.ac.jp
  - Kazuhiro Uehara (Okayama University)
    [Additional Post: Award Committee Chair]
    uehara@okayama-u.ac.jp

- Section Highlights
  - Section Sponsored Technical and Educational Lectures (Lecture meeting 6, Technical symposium 1): 5
  - Section co-sponsored or supported Technical Events: 4
  - Total number of Student Branches in Hiroshima Section: 2

- Major Events (International, National)
  - The 25th IEEE Hiroshima Student Symposium (HISS) (Details are in Section B.4)

- Awards
  - The 2023 Hiroshima Section Contribution Award
A.2 Financial Report

<table>
<thead>
<tr>
<th>Income</th>
<th>(Japanese Yen)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance carried forward</td>
<td>2,543,371</td>
</tr>
<tr>
<td>Section Assessment</td>
<td>1,225,635</td>
</tr>
<tr>
<td>Section Rebate</td>
<td>654,027</td>
</tr>
<tr>
<td>Student Rebate</td>
<td>10,957</td>
</tr>
<tr>
<td>IEEE-JC Section Support</td>
<td>100,000</td>
</tr>
<tr>
<td>Region 10 Best Membership Retention Small Section Award</td>
<td>74,629</td>
</tr>
<tr>
<td>Interest</td>
<td>62,468</td>
</tr>
<tr>
<td>Total of Income in Section Account</td>
<td>4,671,087</td>
</tr>
<tr>
<td>Income of HISS (different account from section)</td>
<td>572,500</td>
</tr>
<tr>
<td>Sum of Total of Income in Section Account and Income of HISS</td>
<td>5,243,587</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expense</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Section Assessment</td>
<td>1,019,919</td>
</tr>
<tr>
<td>Chapter Rebate for SMC28</td>
<td>42,855</td>
</tr>
<tr>
<td>Affinity Group Rebate for HSF YP</td>
<td>42,855</td>
</tr>
<tr>
<td>Student Rebate for HSSB</td>
<td>10,957</td>
</tr>
<tr>
<td>Expense for Administrative Meetings</td>
<td>227,660</td>
</tr>
<tr>
<td>Expense for Technical Meetings</td>
<td>257,209</td>
</tr>
<tr>
<td>Section Activities</td>
<td>269,650</td>
</tr>
<tr>
<td>IEEE HSF YP Support</td>
<td>100,000</td>
</tr>
<tr>
<td>Student Branch Support</td>
<td>14,560</td>
</tr>
<tr>
<td>Postage &amp; Supplies</td>
<td>3,000</td>
</tr>
<tr>
<td>Stationery &amp; Bank charge</td>
<td>55,127</td>
</tr>
<tr>
<td>Reserve for next year</td>
<td>1,696,746</td>
</tr>
<tr>
<td>Support for HISS</td>
<td>1,073,249</td>
</tr>
<tr>
<td>Exchange gain and loss</td>
<td>-142,700</td>
</tr>
<tr>
<td>Total of Expense in Section Account</td>
<td>4,671,087</td>
</tr>
<tr>
<td>Expense of HISS (different account from section)</td>
<td>572,500</td>
</tr>
<tr>
<td>Sum of Total of Expense in Section Account and Expense of HISS</td>
<td>5,243,587</td>
</tr>
</tbody>
</table>

End-of-Year Balance 0

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Number of Members@ Dec. 2023: 548 [+38 from Dec. 2022]
- Number of Members@ Dec. 2022: 510 [-11 from Dec. 2021]
- Number of Members@ Dec. 2021: 521 [+11 from Dec. 2020]

B.2 Chapter Activities

Total number of Chapters in the Hiroshima Section: 2

- Fukuoka/Hiroshima/Shikoku (West Japan) Chapter, EMB18 Activities of EMB West Japan Chapter; Please refer the Fukuoka Section.
- Hiroshima Section Chapter, [SMC Hiroshima Chapter], SMC28 [Activities of SMC Hiroshima Section Chapter]
  List of Chapter Officers of SMC
  Chair: Daisuke HIROTANI (Prefectural University of Hiroshima)
Technical Activities (SMC)

<table>
<thead>
<tr>
<th>Meeting date</th>
<th>Title</th>
<th>Type</th>
<th>Number of days</th>
<th>Number of participants (*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 Jul. 2023</td>
<td>2023 IEEE SMC Hiroshima Chapter Young Researchers' Workshop</td>
<td>Technical</td>
<td>1</td>
<td>24 (17)</td>
</tr>
<tr>
<td>30 Jul. 2023</td>
<td>IEEE SMC Hiroshima Chapter Special Lecture Prof. H. Katagiri (Kanagawa University)</td>
<td>Technical</td>
<td>1</td>
<td>24 (17)</td>
</tr>
<tr>
<td>3 Oct. 2023</td>
<td>Special Session on Advanced System with Advanced Computational Techniques to the Real-Life Applications in SMC2023</td>
<td>Technical</td>
<td>1</td>
<td>15 (15)</td>
</tr>
<tr>
<td>11 Nov. – 12 Nov. 2023</td>
<td>2023 IEEE 13th International Workshop on Computational Intelligence and Applications (IWClA2023)</td>
<td>Technical</td>
<td>1</td>
<td>25 (12)</td>
</tr>
<tr>
<td>11 Nov. 2023</td>
<td>IEEE SMC Hiroshima Chapter Invited Special Talk Prof. Y. Nakamura (NEC Cooperation)</td>
<td>Technical</td>
<td>1</td>
<td>25 (12)</td>
</tr>
<tr>
<td>25 Nov. – 26 Nov. 2023</td>
<td>The 25th IEEE Hiroshima Section Student Symposium (HISS 25th)</td>
<td>Technical</td>
<td>1</td>
<td>161 (62)</td>
</tr>
<tr>
<td>10 Dec. 2023</td>
<td>IEEE SMC Hiroshima Chapter Special Lecture Prof. A. Ishigaki (Tokyo University of Science) and IEEE SMC Hiroshima Chapter Award Commemorative Lecture Mr. K. Asano (Hiroshima University)</td>
<td>Technical</td>
<td>1</td>
<td>10 (9)</td>
</tr>
</tbody>
</table>

(* Number of participants of IEEE members)

Membership Communication and Advancement (SMC)
- Growth of chapter membership

<table>
<thead>
<tr>
<th>Membership at last status report submitted</th>
<th>Current Membership</th>
<th>% Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>56</td>
<td>-14.3%</td>
</tr>
</tbody>
</table>

Other detailed activities report of SMC Hiroshima chapter can be found at following website.
https://www.ieee-jp.org/section/hiroshima/chapter/SMC-28/english/

B.3 Professional and Continuing Education Activities

(B.3.1) 2023 General Assembly of IEEE Hiroshima Section
Jan. 11, 2023 (Hybrid), Attendance: IEEE Members: 47 (letters of attorney: 17)

(B.3.2) Administrative Meetings

Administrative meetings were held 4 times.
1. The 1st Board of Directors on April 14, 2023 (Hybrid)
   Attendance: Officers and Executive Committee Members 12
2. The 2nd Board of Directors on June 3, 2023 (Hybrid)
   Attendance: Officers and Executive Committee Members 13
3. The 3rd Board of Directors on September 16, 2023 (Hybrid)
   Attendance: Officers and Executive Committee Members 13
4. The 4th Board of Directors on November 25, 2023 (On Site)
   Attendance: Officers and Executive Committee Members: 11
   https://www.ieee-jp.org/section/hiroshima/e/activity-report/
(B.3.4) Lectures and Events

(1) Section sponsored Technical and Educational Lectures: 7 (Lecture meeting 6, Technical symposium 1)

- Lecture Meetings were held 5 times.

1. Special Lecture
   Title: Past and Future - Review of Hiroshima Chapter activities and topics of biometric research -
   Speaker: Prof. Isao Nakanishi (Tottori University)
   Location: RCC Cultural Center and online (Zoom)
   Date: Jan. 11, 2023
   Attendance: 26 (IEEE Member:26)

2. Technical Lecture
   Title: Spin-optical properties in semiconductor heterostructures for next-generation device applications: Generation and Manipulation of Spins and Control of Their Physical Properties
   Speaker: Prof. Hideki Goto (Hiroshima University)
   Location: RCC Cultural Center and online (Zoom)
   Date: Apr. 15, 2023
   Attendance: 15 (IEEE Member:13)

3. Technical Lecture
   Title: Let others understand your ideas! -From the standpoint of HISS management-
   Speaker: Prof. Masashi Hotta (Yamaguchi University)
   Location: Shimane University and online (Google Meet)
   Date: June 3, 2023
   Attendance: 54 (IEEE Member:31)

4. Technical Lecture
   Title: Development of a rotating LED transmitter for high-speed image sensor communication (or optical camera communication)
   Speaker: Prof. Shintaro Arai (Okayama University of Science)
   Location: NPD Rental Meeting Room Okayama Ekimae and online (Zoom)
   Date: September 16, 2023
   Attendance: 14 (IEEE Member: 13)

5. Technical Lecture
   Title: Qualities of Global Human Resources -Thoughts on the Challenge of Connecting 2.6 Billion People in Developing Countries to the Internet-
   Speaker: Dr. Haruo Okamura (Global Plan Inc. President)
   Location: Shimane University
   Date: November 27, 2023
   Attendance: 35 (IEEE Member: 5)

- Technical symposium (HISS2023) was held as follows:
  The 25th IEEE Hiroshima Section Student Symposium (HISS) was held in November 25, 26, 2023 via Shimane University. HISS is an event, "for society by student" mainly planned and managed by the students. As the 25th Anniversary of IEEE Hiroshima Section, the 25th Anniversary Special Session and Lecture were held. The 25th Anniversary of IEEE Hiroshima Section is being held in the afternoon of the second day of the HISS (Sunday, November 26, 2023) in conjunction with the 25th HISS. The venue of the symposium is the University Hall in Matsue Campus of Shimane University, the same place as the HISS.
  The number of attendances for the 25th HISS is 161 (sum of two days). The contents of this symposium are as follows;
  - Keynote lecture (Hiroshima Section 25th Anniversary Lecture)
    Title: Considering the qualities of an international person as we promote the elimination of disparities with light
    Speaker: Dr. Haruo Okamura (Global Plan Inc. President)
  - One presentation from industrial company
  - 3 presentations from academic laboratories
  - One get-together meeting
  - Technical presentations (Number of Technical Presentations: 77)
  - Hiroshima Section 25th Anniversary Panel discussion (Number of panelists: 3)
  - On this symposium, following prizes are awarded:
    Selected by the Nomination Committee of HISS Research Award.
    HISS Best Paper Award: 1
    HISS Excellent Paper Award: 16
HISS English Presentation Award: 1
IEEE WIE Shikoku, Fukuoka, and Hiroshima Section Award: 1
Selected by the vote of attendances.
HISS Best Presentation Award: 1
HISS Second-prize Presentation Award: 1
HISS Good Presentation Award: 4
HISS Good Presentation Award for Academic Laboratories: 1
http://www.ieee-jp.org/section/hiroshima/e/

B.4 Students Activities

- Total number of Student Branches in the Section: 2
- Summary of Student Branch activities
Yamaguchi SB:

1. Substrate processing workshop
   Date: February 24, 2023
   Location: Yamaguchi University
   Number of participants: 5

2. Officer succession ceremony
   Date: March 28, 2023
   Location: Online (Zoom)
   Number of participants: 9
   Description: New board members were elected in an annual election and succession.

3. PSIM simulator workshop for beginners
   Date: April 28, 2023
   Location: Online (Zoom)
   Speaker: Prof. Hiroaki Yamada (Department of Electrical and Electronic Engineering)
   Number of participants: 8
   Description: The PSIM simulator workshop was held. A speaker described how to use power electronics simulator PSIM.

4. Presentation workshop
   Date: April 28, 2023
   Location: Online (Zoom)
   Speaker: Prof. Hiroaki Yamada (Department of Electrical and Electronic Engineering)
   Number of participants: 8
   Description: The presentation workshop was held. A speaker described how to make presentation slide and talk in front of an audience.

5. LaTeX workshop for beginners
   Date: May 15, 2025
   Location: Online (Zoom)
   Speaker: Prof. Hiroaki Yamada (Department of Electrical and Electronic Engineering)
   Number of participants: 8
   Description: The LaTeX workshop was held for beginners. A speaker described how to make a document by LaTeX.

6. Guidance for entering the doctoral program
   Date: April 13, May 17, June 19, June 21, July 3, 2023
   Location: Online (Zoom)
   Speaker: Prof. Hiroaki Yamada (Department of Electrical and Electronic Engineering)
   Number of participants: 11, 9, 10, 13, 13, respectively

http://ysb.eee.yamaguchi-u.ac.jp/activity/

Hiroshima Section SB:

1. Executive change meeting
   Date: February 2, 2023
   Location: Online (Google Meet)
   Number of participants: 4
   Description: Officers were determined.

2. Confirmation meeting for SBLTW participants
   Date: June 22, 2023
   Location: Tottori University
   Number of participants: 2
   Description: We discussed who will participate in SBLTW and discussed the policy on the activity report poster.

3. IEEE Student Branch Leadership Training Workshop 2023
   Date: June 30 – July 1, 2023
   Location: Kansai University
   Number of participants: 2
   Description: The IEEE Student Branch Leadership Training Workshop (SBLTW) is a dynamic and immersive program designed to empower student leaders within the Institute of Electrical and Electronics Engineers (IEEE) student branches. This workshop provides students with the knowledge,
skills, and resources needed to excel in leadership roles and make a meaningful impact in their IEEE communities and beyond.

4. Execute meetings and get-togethers
   - Date: September 22, 2023
   - Location: Tottori University
   - Number of participants: 3
   - Description: An executive meeting aims to facilitate informed decision-making, ensure effective communication, and strategize for organizational success. Executives gather to discuss critical matters, resolve challenges, share essential information, and align the organization's direction. These meetings promote accountability, planning, and collaboration among leaders, ensuring efficient operations and goal attainment.
   - Get-Together: The motto of a get-together is to create a social and relaxed atmosphere, encouraging relationship-building, team cohesion, and celebration. These gatherings aim to strengthen personal and professional connections, enhance teamwork, mark achievements, and provide an enjoyable break from routine.

5. Support 25th HISS
   - Date: November 25-26, 2023
   - Location: Shimane University, Matsue Campus
   - Number of participants: 2
   - Description: The IEEE Hiroshima Section Student Branch sponsored the 25th IEEE Hiroshima Section Student Symposium held at the Matsue campus, Shimane University, and had poster presentations.

6. IEEE SB online seminar & HTC2023 report
   - Date: December 18, 2023
   - Location: Online
   - Number of participants: 1
   - Description: The counselor received a seminar about Student Branch by JC SAC Secretary. The counselor also attended an event where there were reports about 2023 R10 Humanitarian Technology Conference held in India by three students attended.

B.5 Affinity Group Activities

- Young Professional (YP)
  1. Lectures, Panel Discussions, and Technical Meetings
     - Date: March 13, 2023
     - Description: Lectures and panel discussions on graduate school admission.
  2. IEEE Fukuoka Section 25th Anniversary
     - Date: September 8, 2023
     - Description: Coordination of two young engineers' lectures.
  3. IEEE HSF YP Caravan #2 in Takamatsu (Data Center Tour)
     - Date: September 22, 2023
     - Description: Tour of STNet Powerico Data Center.
  4. The 5th Meeting to Talk about Doctoral Career
     - Date: November 12, 2023
     - Description: Holding lectures and group discussions on doctoral course admission, and Lecture by Prof. Nyi Nyi Tun, Kyushu University from Hiroshima Shikoku Fukuoka YP

- Women In Engineering (WIE)
  1. IEEE Fukuoka Section 25th Anniversary Lecture
     - Date: September 8, 2023
     - Description: Introduction of Research by Young Researchers.
  2. Presentation of "IEEE WIE Shikoku, Fukuoka and Hiroshima Section Award" at the 25th IEEE Hiroshima Section Student Symposium (HISS)
     - Date: November 26, 2023

B.6 Awards & Recognition Activities

- Awards constituted by the Hiroshima Section
o The 2023 Hiroshima Section Contribution Award: Prof. Kensuke Okubo (Okayama Prefectural University)
o The 25th HISS Distinguished Contribution Award: 1 student
o The 25th HISS Contribution Award: 6 students
o The 25th HISS Distinguished Activity Award: 7 students
o The 25th HISS Activity Award: 21 students

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

- Website of the Hiroshima Section
  
  Section website
  o https://www.ieee-jp.org/section/hiroshima/ (in Japanese)
o http://www.ieee-jp.org/section/hiroshima/e/ (in English)
PART C - OTHERS

C.1 Special Events

The 25th IEEE Hiroshima Section Student Symposium (HISS) (refer to Section B.3)

HISS is the one of unique events in IEEE Hiroshima Section whose purpose is to support the growth of students with independence and a spirit of enterprise. HISS had two special characteristics; one is that students themselves carry out the planning and management of the symposium and the other is that all the technical papers in HISS are presented by students by the interactive sessions. The main theme of each HISS would be decided by the students. Based on the interest from students’ point of view, the topics of the Keynote Speech and the Technical Lecture in HISS are selected. A major part of the income of the symposium was obtained by support from the Hiroshima Section, the Micron Foundation, some sections of domestic technical societies, and presenters’ submission fee. The IEEE Hiroshima Section hopes to grow this HISS to surrounding sections and it to be one of unique events in Japan or R10 in near future.

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

- In Japan, we have very well-organized national technical societies for electrical, electronic and information engineering, e.g., Institute of Electronics, Information and Communication Engineers (IEICE). They also have local branches as well as the IEEE Sections.
- Hold technical lectures and events in co-operation with other national technical societies, such as IEICE or IPSJ (The Information Processing Society of Japan) and so on, through their local branches around the Hiroshima Section, and Universities.

C.3 Collaboration with other IEEE Sections

- Joint activities with any other Section
  The Hiroshima section is also co-sponsoring and co-sponsoring the conference with other sections through the IEEE Japan Counsil.

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

- Joint activities with any other Section
  An incentive program is provided for student members who present at HISS or at international conferences.

PART D - GOALS AND PLANS
D.1 Continuation of project/activity in progress and their implementation plans
(D.1.1) General Assembly
   Annual meeting plan to hold via online(zoom) on January 27, 2024.

(D.1.2) Board of Directors
   Five committee meetings plan to hold.

(D.1.3) The 26th IEEE Hiroshima Student Symposium (HISS)
   The 25th HISS plan to hold at Shimane University, Shimane, Japan on November, 2024.

(D.1.4) Technical Lectures
   Planning at least 5 Sponsored Technical Lectures and at least 4 co-sponsored or supported Technical Lectures and/or Forums with other National Societies in Japan.

(D.1.5) Encouragement of student members
   Strongly encourage the student members to present their research work at the international and the domestic conferences or symposium.

D.2 Goals and Future Plans
   ● Our goal is to develop the number of active members and to be a useful organization for already existing members.
   ● We try to find the system for active communications between academic and company members.