

IEEE Fukuoka Section

Section Report

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PART A - SECTION SUMMARY

A.1 Executive Summary

The membership of our Section has steadily been increasing (e.g., the number of members as of December 2003 was 528, while that as of December 2004 was 589). See Table 1 and Fig.1 in the ANNEX .

Our Section has announced the 2004 Best Student Paper Award recipients. The Best Student Paper Award was established in 2001 as the special event of Student Activities in the Section. Last year, we had 30 applicants of young students, and ten recipients were elected through evaluating their published papers. As usual events, seven lecture meetings and two symposiums were co-sponsored by the Section, which are listed in detail in Table 2 in the ANNEX. We are planning to have more lecture meetings in order to make the Section Activities widely known to all section members.

In August 2004, a new Chapter of Computer Society was established in the Section. This is the third Chapter in our Section, which follows Dielectrics and Electrical Insulation Society Fukuoka Chapter established in October 2003 and Circuits and Systems Society Fukuoka Chapter established in February 2002. We are making efforts to establish more Chapters.

A.2 Financial Report

The Section's Finance is in a good condition. See Table 3 in the ANNEX.

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Programs

The membership of our Section has steadily been increasing as shown in Table 1 and Fig.1 in the ANNEX. The number of "Members" as of December 2004 was 442 and increased 10% when compared with that as of December 2003. The main reason is that

the grade of “Student Members” was up to that of “Members”. In spite of the grade-up of “Student Members”, the number of “Student Members” as of December 2004 was 69 and increased 28% when compared with that as of December 2003, though the number is small.

Chair of Membership Development Committee will recruit new members, especially Student Members.

B.2 Professional and Continuing Education Activities

Concerning the Professional Activities, seven lecture meetings and two symposiums were held in the Section, which are listed in detail in Table 2 in the ANNEX.

B.3 Students Activities

As the special event of Student Activities in the Section, the Best Student Paper Award has been established since 2001. Last year, we had 30 applicants of young students less than 30 years old, and ten recipients were elected through evaluating their published papers.

Chair of Student Activities Committee is making efforts to recruit Student Members and to establish Student Branch.

B.4 E-mail and Newsletter Activities, Home Page

The Homepage of our Section was renewed at the early stage of 2003, but it may not be satisfactory. We have to improve it furthermore.

URL: <http://www.csce.kyushu-u.ac.jp/ieee-fukuoka/>

B.5 Awards

The Best Student Paper Award has been established since 2001.

B.6 Chapter Activities

A new Chapter of Computer Society was established in August 2004. This is the third case in our Section which follows DEI (Dielectrics and Electrical Insulation) Society Fukuoka Chapter established in October 2003 and CAS (Circuits and Systems) Society Fukuoka Chapter established in February 2002.

Chair of Chapter Operations Committee is making efforts to establish more Chapters.

PART C - GOALS AND PLANS

C.1 Goals

- (1) To improve a system of the Section,
- (2) To expand the IEEE Activities in the Section,
- (3) To increase the number of members, in particular, Student Members.

C.2 Implementation Plans

- (1) To plan many lecture meetings,
- (2) To collaborate with other domestic societies and other sections to increase the

- technical activities,
- (3) To establish more Chapters,
 - (4) To enhance to establish one or two Student Branches.

PART D - OTHERS

D.1 Relationship with National Societies

We make efforts to collaborate with other domestic societies and other sections to increase the technical activities.

D.2 Special Events

D.3 Concern Areas and Suggestions

ANNEX

Table 1. Membership Development of IEEE Fukuoka Section in 2000 - 2004.

IEEE Fukuoka Section AC (Active) Members (Dec. 2000 to Dec. 2004)					
	Dec. 2000	Dec. 2001	Dec. 2002	Dec. 2003	Dec. 2004
Life Fellow	2	2	2	2	2
Fellow	7	10	12	11	11
Life Senior	1	1	1	2	2
Senior	23	18	20	23	24
Life Member	1	2	2	1	1
Member	316	339	354	401	442
Life Associate	1	1	1	0	0
Associate	42	63	67	34	38
Student	22	39	54	54	69
Pending M.	9	7	2	0	0
Subtotal	424	482	515	528	589
Affiliate	65	61	56	53	53
Total	489	543	571	581	642

Fig.1. Movement of the Number of Membership in IEEE Fukuoka Section.

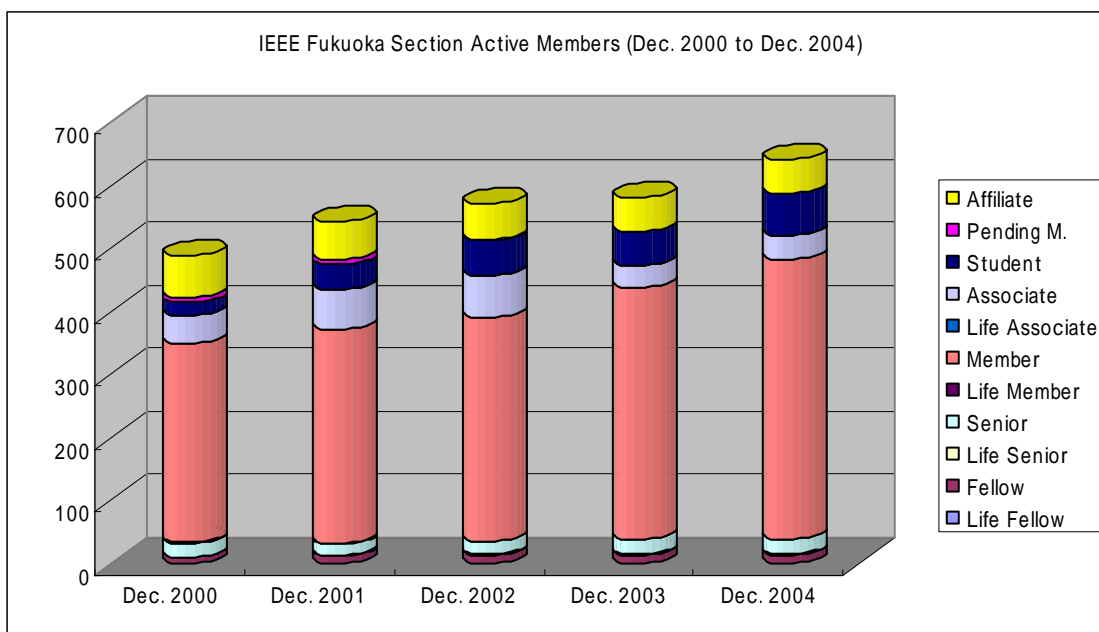


Table 2. List of Technical Lecture Meetings and Symposiums held in 2004.

- (1) Meeting Date: 01/22/2004, Category: Technical
Attendance: Members: 7, Guests: 50
Title of Paper: Research on Permittivity Distribution Controlling Technique for Permittivity Graded FGM
Speaker: Hideki Syumiya (Nagoya University, Japan)
Title of Paper: Numerical Analysis of Discharge Process and Basic Characteristics of Cryogenic Ozonizer
Speaker: Masahiro Takahashi (Kyushu University, Japan)

- (2) Meeting Date: 01/29/2004, Category: Technical
Attendance: Members: 5, Guests: 30
Title of Paper: Detection of the REM Sleep Using the Instantaneous of Heart Beat
Speaker: Masayoshi Koki, Masao Yaso, and Kazutomo Yunokouchi (Kagoshima University, Japan)
Title of Paper: Investigation of Interaction Between Microtubules and Microfilaments Using by Cytomagnetometry
Speaker: Kazuhisa Kawamura and Iku Memoto (Tokyo Denki University, Japan)

- (3) Meeting Date: 03/29/2004, Category: Technical
Attendance: Members: 4, Guests: 13
Title of Paper: Nonlinear Behavior of DC-DC Boost Converter Used for Power factor Correction
Speaker: Professor Istvan Nagy (Budapest University of Technology and Economics, Hungary)

- (4) Meeting Date: 03/30/2004, Category: Technical
Attendance: Members: 6, Guests: 14
Title of Paper: Nonlinear Behavior of DC-DC Boost Converter Used for Power factor Correction
Speaker: Professor Istvan Nagy (Budapest University of Technology and Economics, Hungary)

- (5) Meeting Date: 07/05/2004, Category: Technical
Attendance: Members: 17, Guests: 20
Title of Paper: Visualization of Computer Architecture Dynamics in the Computer Engineering Education
Speaker: Professor Peter Marwedel (University of Dortmund, Germany)

- (6) Meeting Date: 07/12/2004, Category: Technical
Attendance: Members: 18, Guests: 20
Title of Paper: Fast, Energy-Efficient and Timing Predictable Memory Accesses
Speaker: Professor Peter Marwedel (University of Dortmund, Germany)

- (7) Meeting Date: 07/29/2004, Category: Technical
 Attendance: Members: 21, Guests: 34
 Title of Meeting: 5th Asia-Pacific Engineering Research Forum on Microwaves and
 Electromagnetic Theory
- (8) Meeting Date: 09/27-28/2004, Category: Technical
 Title of Meeting: 2004 Joint Conference of Electrical and Electronics Engineers in
 Kyushu
- (9) Meeting Date: 10/18/2004, Category: Technical
 Attendance: Members: 17, Guests: 231
 Title of Paper: Development of Power Electronics and EMI
 Speaker: Professor Eisuke Masada
 Title of Paper: IEC Standardization of Inverter-fed Motor Insulation
 Speaker: Professor Jeremy C G Wheeler

Table 3. Finance Report for the year ending 31 December, 2004

RECEIPTS

Balance beginning of the year	1,910,311.
Rebate from IEEE Headquarter	488,676.
Section Assessment from IEEE Headquarter	770,091.
Support for Section from Japan Council	150,000.
Interest	34.
Total	¥3,319,112.

EXPENSES

Meetings & Social Events	61,145.
Executive Meetings (Travel)	51,000.
Support to Japan Council	770,091.
Support for Student Award	169,225.
Chapter Rebate to CAS & DEI Chapters	71,398.
Other Management & General Expenses	76,205.
Total	¥1,199,064.

SURPLUS ¥2,120,048.