

## 2002 IEEE Seoul Section Report

### A Section Summary.

#### A.1 Executive Summary

We had six Executive meetings with Section Officers and Chapter Chairs at Seoul. Seminars were held six times inviting famous scholars throughout the world. Professor John E Midwinter who is President of IEE (2000/2001) and a Fellow of IEEE was invited to Korea University to deliver a lecture on the subject of "Introduction to Optical Communications" on June 5,2001.

#### A.2 Financial Report

Item	Balance (Won)
Balance carried forward from last account	4,177,640
2001 revenue	18,490,820
2001 expenditure	7,988,817
The balance	14,679,643

### B Organizational Activities

#### B.1 Membership Development Programs

Membership increase has been constantly driven by the section officers, chapter chairs ,and student branch advisors. The total membership increased from 2385 on December 31,2000 to 2405 on December 31, 2001.

#### B.2 Professional and Continuing Education Activities

Seminars which were held in Seoul Section are as follows:

- (1) Dr. J. U. Seo gave a lecture entitled "the development trend and policy of 21 century science technology." One hundred students attended the seminar.
- (2) Professor John E Midwinter delivered a lecture on the subject of "Introduction to Optical Communications." There were a hundred and fifty attendees at the seminar.
- (3) Vice Minister of Ministry of Commerce, Industry and Energy, MR. H. B. Lee gave a talk about "Policy Trend of Industrial Technology for Technology Innovation Capacity."
- (4) Professor KOICHI ASATANI gave a lecture entitled "Next Generation Network and QoS."
- (5) Dr. Y.K.Lim gave a lecture entitled "MPEG4 over Internet."
- (6) Professor Roger Y.Lee gave a lecture entitled "Component based Software Workbench."

#### B.3 Recognized Educational Programs

A few Chapters have their own educational programs which are described in Chapter activities.

#### B.4 Students Activities

Student paper contest will be held on February 19,2002.

#### B.5 E-mail and Newsletter Activities, Home Page

Seoul Section Newsletter was posted on the home page ([www.ieee.or.kr](http://www.ieee.or.kr)). We have established an E-mail address of all of Seoul Section's members.

#### B.7 Chapter Activities

Twenty chapters and nine student branches are in the Seoul Section. The chapter activities were vigorous in 2001. The following are summarized activities of each chapter.

##### (1) SSCS/EDS Chapter

Dr. Chun Yen Chang ,President of National Chiao Tung University delivered a talk on the subject of "Highlights of Taiwan High Technology Development and the Roles of High Education."

##### (2) Robotics & Automation Chapter

- Sponsorship for 2001 IEEE International Conference on Robotics and Automation

Date: May 21-26, 2001

Place: COEX, Seoul, Korea

Number of Participants: IEEE Member or the above level:600

IEEE Student Member: 150

Nonmember: 350

Total: 1000

Expenses: \$ 300 for two invited members

-Sponsorship for the 19<sup>th</sup> All Korean MicroRobot Contest

Date: September 22, 2001

Place: Seoul National University

Number of Participants: IEEE Member or the above level:20

IEEE Student Member:20

Nonmember: 600

Total: 640

Expenses: \$900 for Catalog, \$720 for Souvenir: total \$1620

Other expenses have been covered by a cosponsored company up to \$6000.

##### (3) EMC Chapter

- Workshop on Antenna Technology

Date: April 27,2001

Place; Seoul Education Center

Number of Participants: 165 (including students)

-Symposium on Microwave and Wave Propagation Researches

Date: May 12, 2001

Place: Soongsil University

Number of Participants: 180 (including students)

-Workshop on Computational Electromagnetics

Date: August 23, 2001

Place: Kyungpook National University

Number of Participants: 120

- Symposium on Microwave and Wave Propagation Researches

Date: September 15, 2001

Place: Korea Maritime University

Number of Participants: 230 (including students)

-EMC Korea 2001

Date: September 27-28, 2001

Place: Seoul Education Center

Number of Participants: 130 (including students)

#### (4) VTC Chapter

-Workshop on Vehicular Technology

Date: February 8, 2001

Place: Seoul Education Center

Number of Participants: 100 (including students)

- The First Forum on the Fourth Generation Mobile Communication

Date: July 19, 2001

Place: New Media Communication Research Institute

Number of Participants: 100 (including students)

- The Second Forum on Mobile Communication

Date: November 25, 2001

Place: Choongang University

Number of Participants: 81 (including students)

#### (5) PES Chapter

- Two workshop were held with the Korean Institute of Electrical Engineers between May 18-19 and November 16-17 in 2001 at LG Training Institute

- Seminar on the subject of "Power System Protection-solutions, digital signal processing, problems" was held by Dr. Waldemar Rebizant at Woclaw University

of Technology.

- Seminar on the subject of “Examples of ANN and FL Applications for Protection Problems” was held by Dr. Waldemar Rebizant.

(6) AP Chapter

- Two workshops and two conferences were held with other chapter in the Seoul Section.

(7) EMBS Chapter

- Spring conference was held with the Korean Institute for Biodiversity on May 25-26, 2001 at Kyungju Education Center.
- Fall conference was held with the Korean Institute for Biodiversity on November 16, 2001 at Hanyang University.

C Goals and Plans

C.1 Goals

Membership promotion will be systematically planned. Seminars on special topics will be held inviting famous specialist in IT and BT. International conference and workshop will be encouraged to induce in Seoul.

C.2 Detailed Implementation Plans

All section officers, chapter chairs, and student branch advisors will ask to join membership to the attendee of the conferences, workshops, and seminars. Chapter Chairs will be stimulated to hold seminar and workshop. We will support international conference.

C.3 Budget

Seoul Section is keeping balance budget. Income will be mainly composed of rebate from IEEE headquarters and some donation from Korean industries.

Item	A sum of money (Won)
Balance carried forward from 2001 account	14,679,643
Revenue	18,000,000
Total	32,679,643

D Others

D.1 Relation with National Societies

The Seoul Section has a close relation with Korean societies such as the Korean Institute of Communication Sciences, the Institute of Electronics Engineers of Korea, the Korean Institute of Electrical Engineers, and Korea Electromagnetic Engineering Society. EMBS chapter in Seoul Section has collaborated with the Korean Institute for Biodiversity in 2001.

D.2 Special Events

Higher Membership Promotion meeting was held to strengthen the ties of friendship between members of the five sections in Korea on December 27, 2001. Dr. J. M. Kyung and Dr. S.J. Lee gave a seminar on special topics at the meeting.