

2023

THE KOREAN INSTITUTE OF ELECTROMAGNETIC ENGINEERING AND SCIENCE

KIEES 2023

- 
1. Purpose of Establishment of the KIEES
 2. Major History of the KIEES
 3. Status of MOU
 4. Membership Status
 5. List of Major Directors
 6. Organization
 7. Major Business Activities
 8. Major Publications
 9. Major Conferences
 10. Schedule of Academic Conferences

1 Purpose of Establishment of the KIEES

The Korean Institute of Electromagnetic Engineering and Science (KIEES) aims to contribute to the welfare of humanity and national development through academic and investigative research on electromagnetic technology, electromagnetic environment, and related industries.

2 Major History of the KIEES

1980s	June 27, 1989	Inaugural general meeting for the establishment of the Korea Electromagnetic Environment Technology Association
	December 30, 1989	Approval from the Ministry of Information and Communication as a corporation under the name of the Korea Electromagnetic Technology Association (Legal Affairs 23040-9576)
1990s	February 19, 1991	Name changed to the "Korean EMI EMC Society (KEES)" as a corporation
	December 11, 1993	"Journal of Korean EMI EMC Society" registered with the Korea Press Foundation (Registration number: Ba-2037)
	July 6, 1995	Name changed to the "The Korean Electromagnetic Engineering Society"
	January 1, 1997	"Proceeding of Electromagnetic Engineering Society" published annually and "Korean Journal of Electromagnetic Engineering Society" published bi-monthly
2000s	May 1, 2001	Launch of the English journal, "Journal of Electromagnetic Engineering Society"
	January 1, 2003	"Korean Journal of Electromagnetic Engineering Society" published monthly
	November 8, 2007	Name changed to "The Korean Institute of Electromagnetic Engineering and Science (KIEES)"
	January 1, 2008	Increased publication of "Proceeding of Electromagnetic Engineering and Science" (published 6 times per year)
2010s	June 1, 2012	Name changed to "Journal of Electromagnetic Engineering and Science (JEES)" for the English journal
	August 22-24, 2013	Held the 1st Annual Summer Conference on Electromagnetic Engineering & Science (in Jeju)
	06-Dec-13	Published "20-year History of the KIEES"
	18-Mar-16	JEES included in the SCOPUS index
	26-Sep-17	JEES included in the Emerging Sources Citation Index (ESCI)
	February 19-22, 2019	Held the 1st Annual Winter Conference on Electromagnetic Engineering & Science (in Jeongseon, Gangwon-do)
	30-Dec-19	30th anniversary of the establishment of the KIEES.
2020s	17-Jan-20	JEES received the Elsevier Award from the Korean Council of Science Editors
	19-Mar-20	JEES included in the Science Citation Index Expanded (SCIE)
	21-Apr-20	Awarded the Presidential Commendation for Contributions to Information and Communications Development
	19-Aug-20	Achieved 10,000 cumulative members
	13-Dec-21	Awarded the Minister of Science and ICT Prize for Excellence as an Outstanding Academic Society for 2021

3 Status of MOU (December 2022)

2000s	23-Sep-06	The Institute of Electronics, Information and Communication Engineers, Communications Society of Japan (updated in October 2020)
	10-Apr-09	Korea Radio Promotion Association (currently Korea Communications Agency)
2010s	26-Apr-10	Central Radio Management
	12-Aug-11	Korea Radio Promotion Association
	01-May-14	National Radio Research Agency (updated in April 2017 and August 19, 2022)
	08-May-14	Korea Astronomy and Space Science Institute
	17-Dec-14	Korea Information and Communications Technology Evaluation and Planning Institute (currently Institute of Information & Communications Technology Planning & Evaluation)
	19-Jun-15	Hanoi University of Science and Technology, Vietnam
	28-Apr-16	Republic of Korea Air Force Headquarters
	30-May-17	Hanwha Systems (updated in August 2020)
2020s	30-Jun-17	Republic of Korea Joint Chiefs of Staff
	20-Aug-20	Agency for Defense Development, LIG Nex1, Korea Automobile Testing & Research Institute
	19-Aug-21	Korea Electrotechnology Research Institute, Korea Research Institute of Ships & Ocean Engineering, KT
	05-Jul-22	Korea Aerospace Industries, Ltd.
	05-Dec-22	Ministry of National Defense (6 academic societies related to advanced ICT and civil-military cooperation)

4 Membership Status (January 2023)

Individual Members : 11,568 total (including 693 life members, 5,147 regular members, as well as associate and student members)

Special Corporate Members : Anritsu, HCT, KMW, KT, LGU+, LIG Nex1, LPKF Korea, QRT Inc., RF Materials, RF Systems Inc., LUMIR, SK Telecom, Dymstec, DAEYEONG Ubitec Co., Ltd. Daejeon Technopark, DAEHAN SHIELD ENGINEERING Co., Ltd., Duratek, Rohde & Schwarz Korea, LOOF, Moasoft, Victek, Sensorview, Smart Radar Systems Co., ANSYS Inc., AllforLand, Wavice, Eretec, Intellian Technologies, Inc., EMCIS Co., Ltd., TJTNS, KCA, KEPCO, KEIT, RAPA, Qualcomm, KAI, Hanwha Systems, DONGWOO FINE-CHEM.

Organizational Members : Organizations or corporations subscribing to publications published by the KIEES.

Honorary Members : About 20 individuals.

4-1. Member Benefits Guide

- Discount benefits for participation in various academic conferences and workshops hosted by the Institute
- Certificate and cash prize award for outstanding papers selected at winter/summer /fall academic conferences
- Access to DBpia, an online database search for Institute journals and papers
- Free access to Institute publications, including journals, proceeding and e-Newsletters
- Email notification of various event information and news hosted by the Institute

4-2. Membership Benefits for Special Members

- Free membership for the representative and officer of special member companies as regular members (for 1 year)
- Free registration for academic conferences and events hosted by the Institute headquarters (up to 2 people)
- Membership registration for events hosted by the Institute research committee (for events with a membership fee, up to 2 people)
- Special member company website link and job advertisement guide on the Institute website
- Priority publication for company visit reports in the Institute journal "ELECTROMAGNETICS"
- Regular publication delivery (Journal, JEES, Proceeding)

4-3. Annual Fee Information for Special Member Companies

Diamond+	20,000,000 KRW	Free advertisement in the journal "Electromagnetic " for 6 issues per year. Advertisement and exhibition table provision for workshops hosted by the institute and free registration. 50% discount on exhibition at conferences hosted by the institute, and opportunities for promotion and upgraded membership.
Diamond	10,000,000 KRW	Free advertisement in the journal "Electromagnetic " for 4 issues per year. The conference hosted by the institute provides one free exhibition table
Emerald	7,000,000 KRW	Free advertisement in the journal "Electromagnetic " for 3 issues per year.
Platinum	5,000,000 KRW	Free advertisement in the journal "Electromagnetic " for 2 issues per year.
Gold	3,000,000 KRW	Free advertisement in the journal "Electromagnetic " for 2 issues per year.
Silver	3,000,000 KRW	Free advertisement in the journal "Electromagnetic " for 1 issues per year.

5 List of Major Directors

President : Jong-Kwan Yook (Prof., Yonsei University)

Executive Vice President : Choon-Sik Cho (Prof., Korea Aerospace Univ.)

Vice President : Changhyu Goh (Deputy Director, KCA),

Chan-Hong Kim (Center Director, ADD),

Hyuk Park (Executive director, Hanwha Systems),

Young-Chul Park (Prof., Hankuk Univ. of Foreign Studies),

Hyun-Gil Yoo (CEO, Anritsu),

Executive Director : General Affairs : Ho-seong Chu (Prof., Hongik Univ.)

Summer Conference : Hyun-chul Koo (Prof., Konkuk Univ.)

Academic Research : Jong-hwa Kwon (Principal Researcher, ETRI)

New Technology Business : Geum-chul Hwang (Prof., Sungkyunkwan Univ.)

Proceedings : Byung-wook Min (Prof., Yonsei Univ.)

JEES : Jung-seok Oh (Prof., Seoul National Univ.)

Information : Yong-sik Lee (Prof., Yonsei Univ.)

Membership Development : Youngwook Kim (Prof., Sogang Univ.)

Education : Moonkyu Lee (Prof., Univ. of Seoul)

Auditor : Seok-tae Han (Senior researcher, KASI), Hyung-do Choi (Principal Researcher, ETRI)

Chanho Kook (Director, LIG Nex1),

Young-Chan Moon (CEO, KMW),

Seung-Keun Park (Director, ETRI)

Tak-Ki Ryu (Director, SK Telecom ICT Institute),

Jae-Seong Lee (Prof., Korea Univ.)

Planning : Kyung-young Jung (Prof., Hanyang Univ.)

Winter Conference : Sang-keun Jeon (Prof., Korea Univ.)

Industry-Academia-Research : Hyung-seok Kim (CEO, Daeyeong Ubitech)

Policy Business : Woo-jin Byun (PM, IITP)

Journal : Seung-young Ahn (Prof., KAIST)

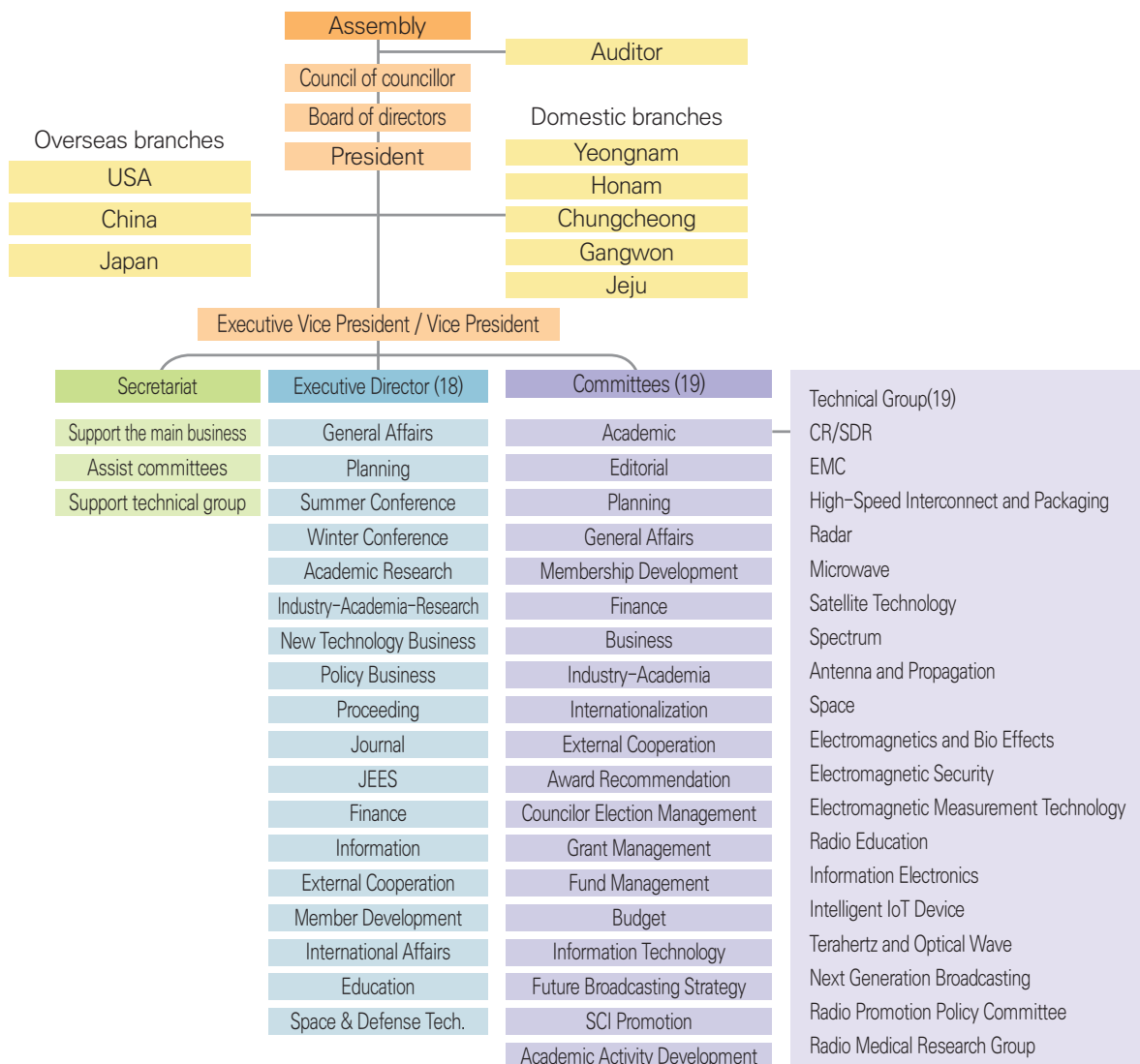
Finance : Dong-ho Kim (Prof., Sejong Univ.)

External Cooperation : Jae-young Jung (Prof., Seoul National Univ. of Science and Technology)

International Affairs : Youngjae Byun (Prof., Ulsan National Institute of Science and Technology)

Space & Defense Technology : Yongbae Park (Prof., Ajou Univ.)

6 Organization



7 Major Business Activities

1. Organizing academic research presentations, workshops, and seminars
2. Publication of papers and other materials
3. Exchange of academic and technical information with foreign scientific organizations
4. Academic and technical research investigation
5. Development of policies related to electronic waves and training of professionals in the field
6. Research on standardization and terminology development
7. Supporting electronic wave technology and environmental measures as well as industrial technology
8. Recognizing and awarding outstanding achievements in research
9. Other business necessary for achieving the objectives of the Institute.

8 Major Publications

The KIEES publishes academic and technical journals and newsletters to promote the development of academic and technical fields related to electromagnetic waves, electromagnetic wave environments, and related technologies. These publications introduce domestic and international technology trends and new technologies, and provide a platform for presenting research findings. The following are the main publications:

1. The Proceedings of The Korean Institute of Electromagnetic Engineering and Science (published six times a year, in January, March, May, July, September, and November, on special topics such as EMC technology, and so on)
2. "Journal of the Korean Institute Electromagnetic Engineering & Science" (published 12 times a year, with special issues in January, April, July, and October)
3. "JEES (Journal of Electromagnetic Engineering and Science)" (published six times a year, in January, March, May, July, September, and November, and indexed in SCOPUS/SCIE)
4. Proceedings of various seminars, technical, and academic lectures (published more than 20 times a year)



9 Major Conference & Workshops of the KIEES

- 1) Organized by the Academic Committee ;
 - Winter Annual Conference (5th), held in mid-February each year (February 15–18, 2023, Jeju Haevichi Hotel & Resort), which features over 400 paper presentations and attracts over 500 attendees
 - Summer Annual Conference (11th), held in mid-August each year (August 23–26, 2023, Sonofelice Del Pino, Goseong) which is the largest academic conference with over 900 paper presentations and over 1,300 attendees
 - Regular General Meeting and Fall Academic Conference (35th) to be held on November 24, 2023, at Yonsei University Baekyangnuri.
- 2) Organized by the Business Committee:
 - Radio Wave New Technology Workshop (30th) : Hosted by the New Technology Business Committee (Introduction of new radio wave technology and convergence technology)
 - Radio Wave New Technology Workshop (31st) : Hosted by the Policy Business Committee (Related to radio wave policies and promotion)



Schedule of Academic Conference

Conference	Date	Place	Organizer
The 5th Winter Conference of the KIEES	15~28, Feb.	Jeju Haevichi Hotel & Resort	Winter Conference Committee
The 30th Workshop on Advanced Radio Technology	28, April	The K-Hotel Seoul	New Technology Ventures Committee
The 31st Workshop on Radio Policy	9, June	KBIZ, Yeouido	Policy Business Committee
The 2023 Summer Short Course on Radio Engineering #01	1~4, Aug.	Univ. of Seoul	Education Committee
The 11th Summer Conference of the KIEES	23~26, Aug.	Sonofelice Del Pino, Goseong	Summer Conference Committee
The Workshop on Future Radio Technologies for Unmanned Vehicles	18, Oct.	-	Honam Branch
The Workshop on Space and Defense Advanced Technologies	13, Oct.	The K-Hotel Seoul	Space & Defense Technology Committee
The Conference on Radio and Wireless Communications.	27, Oct.	Hanbat Univ.	Chungcheong Branch
The 35th General Meeting and the Fall Conference of the KIEES	24, Nov.	Yonsei University Baekyangnuri.	Academic Research Committee
The Year-End Party of the KIEES	7, Dec.	Seoul	General Affairs Committee

Workshop	Date	Place	Organizer
Workshop on RF Circuit Technology in 2023 (participating as a tutorial in the Winter Conference)	15, Feb.	Jeju Haevichi Hotel & Resort	Radio Education Technical Group
The 15th Workshop on Electromagnetic Wave Measurement Technology	24, March	The K-Hotel Seoul	Electromagnetic Measurement Technology Technical Group
Workshop on Microwave and Millimeter Wave Technologies in 2023	31, March	The K-Hotel Seoul	Microwave Technical Group
Workshop on Antenna Technologies in 2023	21, April	The K-Hotel Seoul	Antenna and Propagation Technical Group
Workshop on Medical Devices Using Radio Waves in 2023	19, May	aT Center(Seoul)	Radio Medical Research Team
Workshop on Space Radio Environments in 2023	25, May	The K-Hotel Seoul	Space Radio Technical Group
Workshop on Terahertz Technologies in 2023	30, June	Construction Bldg.	THz and Optical Wave Technical Group
Workshop on Cognitive Radio Technologies in 2023	July	Pusan	CR/SDR Technical Group
Workshop on Intelligent IoT Device Technologies	5, July	Seoul Venture University	Intelligent IoT Device Technical Group
EMC KOREA 2023	13, July	KOFST	EMC Technical Group
Workshop and Short Course on Radar in 2023	20~21, July	The K-Hotel Seoul	Radar Technical Group
Workshop on Electromagnetic Field Analysis (participating as a workshop in the Summer Conference)	23, Aug.	Sonofelice Del Pino, Goseong	Antenna and Propagation Technical Group
The 27th Workshop on the Biological Effects of Electromagnetic Fields	8, Sep.	The K-Hotel Seoul	Electromagnetics and Bio-Effects Technical Group
Workshop on Electronic Warfare Workshop in 2023	13~14, Sep.	The K-Hotel Seoul	Information Electronics Technical Group
High Speed Interconnect and Packaging Workshop in 2023	22, Sep.	aT Center (Seoul)	High Speed Interconnect and Packaging Technical Group
Workshop on Satellite Technologies in 2023	20, Oct.	Construction Bldg.	Satellite Technology Technical Group
The 16th Workshop on High-Frequency Parts for Military Use	Oct.	-	Radar Technical Group(Joint)
Workshop on Electromagnetic Security (EMSEC) in 2023	9, Nov.	The K-Hotel Seoul	Electromagnetic Security Technical Group

KIEES Secretariat

706 ToTooValley, 217 Saechang-ro, Yongsan-gu, Seoul 04376, Korea

Tel: +82-2-337-9666/332-9665 | Fax: +82-2-6390-7550 | E-mail: kees@kiees.or.kr | Website: www.kiees.or.kr