

The Institute of Electronics, Information and Communication Engineers (IEICE) Communications Society

https://www.ieice.org/cs_r/eng/

Organization of IEICE-CS Executive Committees

- Board of Directors
 - Administration of Communications Society
- Editorial Board
 - Transactions on Communications, in English
 - Transactions on Communications, in Japanese
 - IEICE Communications Express (ComEX), in English
 - Communications Society Magazine, B-plus, in Japanese
- Council of Technical Committee Representatives
 - 20 (regular)+6 (ad hoc) Technical Committees
 - Each TC organizes 4 or more workshops per year.
- Planning and Members Activities Committee
 - International Affairs
 - Web Management, Email News

2023

IEICE-CS Board of Directors

President

Shoji KASAHARA



President-Elect

Akihiro NAKAO



Chair, Editorial Board

Makoto TAROMARU



Vice President

Toru TAKAHASHI

Planning, Member Activities Committee



Vice President

Takeo FUJII

Council of Technical Committee Representatives

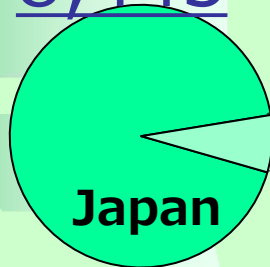


Other Directors

IEICE-CS Members

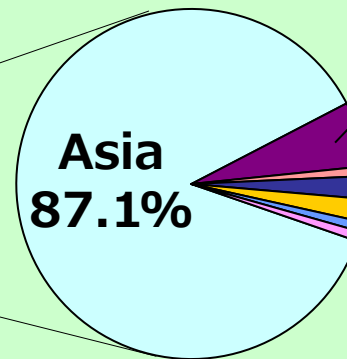
IEICE-CS
members

8,443



Overseas

334 IEICE-CS Overseas Members
(May, 2023)



Europe 6.0%

Middle East 0.9%

North America 2.1%

South America 2.1%

Oceania 0.9%

Africa 0.9%

AUSTRALIA
AUSTRIA
BANGLADESH
BELGIUM
BRAZIL
CANADA
CHINA
COLOMBIA
FINLAND
GERMANY
GREECE
GUATEMALA

HUNGARY
INDIA
INDONESIA
IRAN
ITALY
IRAQ
KOREA
LIBYA
MALAYSIA
MEXICO
MONGOLIA
MOROCCO

MYANMAR
NIGERIA
PAKISTAN
POLAND
SWITZERLAND
TAIWAN
THAILAND
UNITED KINGDOM
U.S.A.
VIETNAM

34
Countries/
Regions

Regular Technical Committees

- Antennas and Propagation (**AP**)
- Internet Architecture (**IA**)
- Space, Aeronautical and Navigational Electronics (**SANE**)
- Satellite Telecommunications (**SAT**)
- Electromagnetic Compatibility (**EMCJ**)
- Communication Quality (**CQ**)
- Information and Communication Management (**ICM**)
- Information Networks (**IN**)
- Smart Radio (**SR**)
- Short Range Wireless Communications (**SRW**)
- Communication Systems (**CS**)
- Energy Engineering in Electronics and Communications (**EE**)
- Network Systems (**NS**)
- Optical Communication Systems (**OCS**)
- Optical Fiber Technology (**OFT**)
- Photonic Network (**PN**)
- Healthcare and Medical Information Communication Technology (**MICT**)
- Radio Communication Systems (**RCS**)
- Wireless Power Transmission (**WPT**)
- Sensor Network and Mobile Intelligence (**SeMI**)



20 Regular TCs

Ad Hoc Technical Committees (Active Period)

- Standardization & Innovation in ICT Technologies (**SIIT**)
(2008.10-2024.3)
- Extremely Advanced Optical Transmission (**EXAT**)
(2010.4-2024.3)
- Photonics-applied Electromagnetic Measurement (**PEM**)
(2012.4-2024.3)
- Information-Centric Networking (**ICN**)
(2015.3-2025.3)
- Networked Digital Service Platform (**DPF**)
(2019.5-2025.3)
- Underwater Wireless Technology (**UWT**)
(2020.4-2024.3)



Technical Committees for Workshop Type 3 (Active Period)

- Multiple Innovative Kenkyu-kai Association for wireless communications (MIKA)
(2020.3-2023.3)
- Cross-Field Research Association of Super-Intelligent Networking (RISING)
(2020.9-2022.8)

Publications

(1) Transactions on Communications



The screenshot shows the English version of the IEICE Transactions on Communications website. The header includes the site name, ISSN (1881-0299), and a login section. The main banner features the title '電子情報通信学会論文誌 通信' (Transactions on Communications) and a 'Call for Papers' button. The left sidebar contains a table of contents with categories like 'A: 基礎・境界' (Fundamentals), 'B: 通信' (Communications), 'C: エレクトロニクス' (Electronics), and 'D: 情報・システム' (Information & Systems). The main content area displays the 'Volume 3106-B No.3' (Publication Date: 2023/03/01) and lists several articles, including 'pp.191-192 巻頭言 無償公開論文' (Editorial: Open Access Papers) and 'pp.193-111 論文・基礎理論' (Papers: Fundamentals).



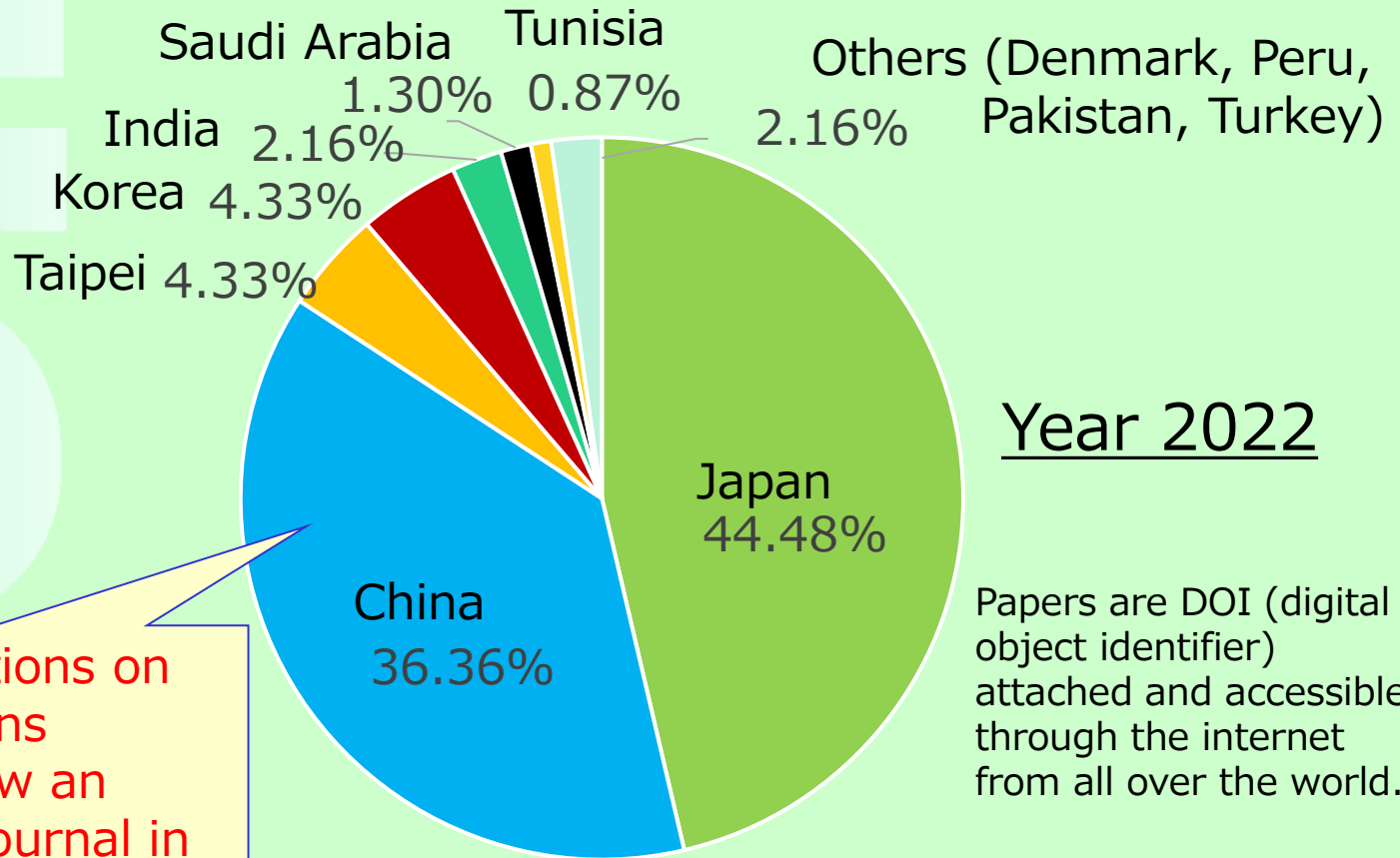
The screenshot shows the Japanese version of the IEICE Transactions on Communications website. The header includes the site name, ISSN (1745-1345), and a login section. The main banner features the title 'IEICE TRANSACTIONS on Communications' and a 'Call for Papers' button. The left sidebar contains a table of contents with categories like 'A: Fundamentals', 'B: Communications', 'C: Electronics', and 'D: Information & Systems'. The main content area displays the 'Volume E100-B No.3' (Publication Date: 2023/03/01) and lists several articles, including 'pp.213-220 PAPER-Transmission Systems and Transmission Equipment for Communications' (Noncoherent Demodulation and Decoding via Polynomial Zeros Modulation for Pilot-Free Short Packet Transmissions over Multipath Fading Channels) and 'pp.221-229 PAPER-Network System' (Sub-Signal Channel Modulation for Hitless Redundancy Switching Systems).

The Communications Society issues two Transactions monthly. (English and Japanese Editions)
Only available in electronic format.

Publications

(1) Transactions on Communications

2021 Impact Factor: 0.598



Year 2022

Papers are DOI (digital object identifier) attached and accessible through the internet from all over the world.

IEICE Transactions on Communications (English) is now an international journal in Asian-Pacific region.

Publications

(2) IEICE Communications Express



Online Letter Journal, where researchers can exchange new topics easily and in a timely manner.



Features:

- Impact Factor granted from 2023
- Papers are DOI (digital object identifier) attached with open access (trial) through the Internet
(<https://www.ieice.org/publications/comex/>)
- Indexed by Emerging Sources Citation Index (ESCI)
- Short papers (up to 4 pages) are rapidly published after acceptance.

Publications

(1) & (2) Trans. Commun. / ComEX

- Published in IEEE Xplore
 - ✓ Starting with submissions after June 2023
 - ✓ All articles are open access

- Average review period in 2021

Trans. Commun. PAPER :

- ✓ **57 days** from the time of submission to the first review result notification
- ✓ Accepted papers will be published online soon after notification of acceptance (**advance publication**)

ComEX LETTER :

- ✓ **27 days** in average from the time of submission to the first review result notification
- ✓ **41 days** in average from the time of submission to advance publication
- ✓ Acceptance rate: **48.0%**

Publications

(3) Communications Society Magazine



- Communications Society Magazine, B-plus, started in June 2007
- Includes technical reviews, surveys, practical topics, etc.
- Published quarterly in Japanese
- Free access of electronic version since March 2015



International Conferences

International Conferences in **2015 – 2022**

Categories	Number of conferences
Sponsored / Co-Sponsored	24
Technically Co-sponsored	103
Cooperation	29

Regions	Number of conferences
Africa	6
Asia	90
Oceania	5
Middle East	3
North America	10
South America	2
Europe	24
Virtual conf.	46 (incl. 30 hybrid conferences)

International Conferences

■ Upcoming international conferences supported by IEICE-CS in 2023

Schedule	Conference Name	Venue	Sponsors
19 Nov. - 22 Nov. 2023	28th Asia-Pacific Conference on Communications (APCC 2023)	Sydney, Australia	The Korean Institute of Communications and Information Sciences (KICS) (Technically co-sponsored by IEICE-CS)
30 Oct. - 2 Nov. 2023	2023 International Symposium on Antennas and Propagation (ISAP2023)	Malaysia, Kuala Lumpur	Malaysian IEEE AP-S/MTT-S/EMC Joint Chapter (Technically co-sponsored by IEICE-CS)
11 Oct. - 14 Oct. 2023	The 14th International Conference on ICT Convergence (ICTC2023)	Jeju, Korea	The Korean Institute of Communications and Information Sciences (KICS) (Technically co-sponsored by IEICE-CS)
6 Sept. - 8 Aug. 2023	The 24th Asia-Pacific Network Operations and Management Symposium (APNOMS2023)	Sejong, Korea	IEICE-CS/ICM (Co-sponsored by The Korean Institute of Communications and Information Sciences (KICS) Korean Network Operations and Management (KNOM))
4 July - 7 July 2023	The 14th International Conference on Ubiquitous and Future Networks(ICUFN2023)	Paris, France	The Korean Institute of Communications and Information Sciences (KICS) (Technically co-sponsored by IEICE-CS)
20 June 2023	Technologies and Proof-of-Concept Activities for 6G 2023 (TPoC6G 2023)	Florence, Italy	IEEE VTS (Technically co-sponsored by IEICE-CS/RCS)
17 May - 19 May 2023	International Symposium on Extremely Advanced Transmission Technologies (EXAT2023)	Matsue, Japan	IEICE-CS/EXAT (Co-sponsored by National Institute of Information and Communications Technology)
29 Nov. - 1 Dec. 2023	The 2023 International Conference on Emerging Technologies for Communications (ICETC2023)	Sapporo, Japan	IEICE-CS

Member Activities

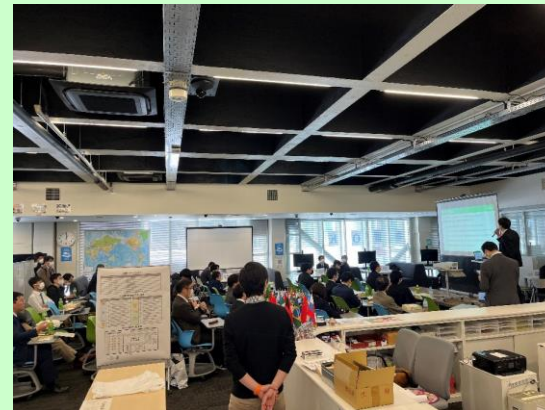
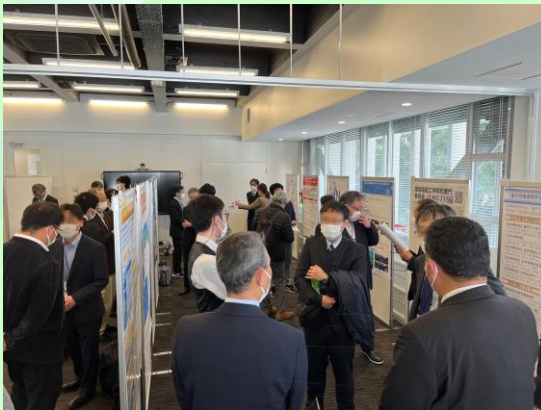
Sister Societies

- Our sister societies:
 - IEEE Communications Society (ComSoc)
 - The Korean Institute of Communications and Information Sciences (KICS)
 - Korean Institute of Electromagnetic Engineering and Science (KIEES)
 - Informationstechnische Gesellschaft within The Verband Der Elektrotechnik Elektronik Informationstechnik (VDE/ITG)
 - China Institute of Communications (CIC)
 - IEEE Electromagnetic Compatibility Society (EMCS)

Member Activities

Welcome Party

- **"Welcome Party"** is one of the major events for young engineers, especially students
 - Provides them with a good opportunity to meet and talk casually with experienced researchers and engineers from various organizations
- On 7th March 2023, the event was successfully held at IEICE General Conference as **in-person event**
 - **Over 200 participants** if including unregistered participants (180 participants *only registered participants)
 - Poster presentation: **23 technical committees**
 - Short presentation: **8 companies**





The Institute of Electronics, Information and Communication Engineers (IEICE) Communications Society

About Communications Society

IEICE Communications Society shall endeavor to facilitate research and investigation activities in the field of communications, and to contribute to research activities through cooperation with other societies, in order to promote the development of science and technology in this field.

◆ Technical Committees

Twenty regular technical committees, six ad hoc technical committees and two special ad hoc technical committees carry out research activities. The following is a list of the technical committees.

Regular Technical Committees

- Antennas and Propagation (AP)
- Internet Architecture (IA)
- Space, Aeronautical and Navigational Electronics (SANE)
- Satellite Telecommunications (SAT)
- Electromagnetic Compatibility (EMCJ)
- Communication Quality (CQ)
- Information and Communication Management (ICM)
- Information Networks (IN)
- Smart Radio (SR)
- Short Range Wireless Communications (SRW)
- Sensor Network and Mobile Intelligence (SeMI)
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Ad Hoc Technical Committees

- Standardization & Innovation in ICT Technologies (SIIT)
- Extremely Advanced Optical Transmission (EXAT) Photonics-applied Electromagnetic Measurement (PEM)
- Information-Centric Networking (ICN)
- Networked Digital Service Platform (DPF)
- Underwater Wireless Technology (UWT)

Technical Committees for Workshop Type 3

- Cross-Field Research Association of Super-Intelligent Networking (RISING)
- Multiple Innovative Kenkyu-kai Association for wireless communications (MIKA)

◆ Publications

IEICE Transactions on Communication

The IEICE Transactions on Communications (English and Japanese editions) are published monthly.



The impact factor of IEICE Transactions on Communications (English edition) was 0.598 in 2021.

<https://www.ieice.org/cs/jpn/EB/index.html>



IEICE Communications Express (ComEX)

IEICE Communications Express (ComEX) is an online letter journal, where researchers can exchange new topics easily and in a timely manner.

From 2023, Impact Factor will be granted. You can download PDF files from the ComEX site.

<https://www.ieice.org/publications/comex/>



IEICE Transactions on Communications (English edition) and ComEX will be published open access in IEEE Xplore from papers submitted after June 2023.

Communications Society Magazine “B-plus”

The Communications Society Magazine (Japanese edition only) “B-plus” provides technical reviews, surveys, practical topics, etc. “B-plus” is published quarterly in Japanese. The electronic version has been accessible free of charge since March 2015.

<https://www.ieice.org/cs-edit/magazine/>



◆ Membership Services

Technical Report Archives

Technical Report Archives is an archive of all the technical reports of IEICE-CS published more than one month ago. It is part of the IEICE Technical Report Online System.

Email News

We call for papers of transactions and international conferences, as well as technical workshops from CS members by email.

◆ Sister Societies

Communications Society has sister-society agreements with the following six overseas societies.

- IEEE Communications Society (ComSoc)
- Informationstechnische Gesellschaft within The Verband Der Elektrotechnik Elektronik Informationstechnik (VDE/ITG)
- Korean Institute of Electromagnetic Engineering and Science (KIEES)
- The Korean Institute of Communications and Information Sciences (KICS)
- China Institute of Communications (CIC)
- IEEE Electromagnetic Compatibility Society (EMCS)