

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)+7 (ad hoc) Technical Committees
 - Each TC organizes 4 or more workshops per year.
- Planning and Members Activities Committee
 - International Affairs
 - IEICE-CS GLOBAL NEWSLETTER
 - Web Management, Email News

2021

IEICE-CS Board of Directors

President

Hisaya HADAMA



President-Elect

Yukari TSUJI



Chair, Editorial Board

Takaya YAMAZATO



Vice President

Joji MAEDA

Planning, Member Activities Committee



Vice President

Kiyoshi FUKUCHI

Council of Technical Committee Representatives

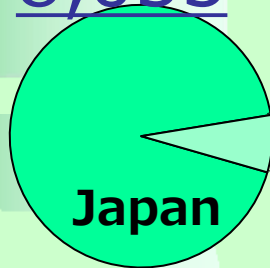


Other Directors

IEICE-CS Members

IEICE-CS
members

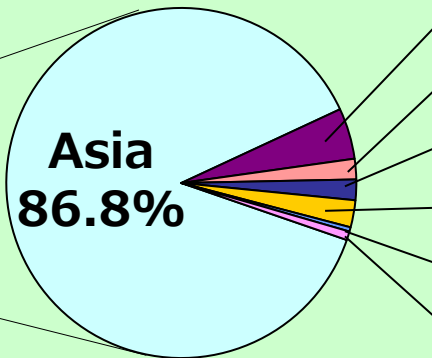
8,033



Overseas

Japan

363 IEICE-CS Overseas Members
(May, 2021)



Europe 5.5%

Middle East 1.1%

North America 2.5%

South America 2.5%

Oceania 0.8%

Africa 0.8%

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

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

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

34
Countries/
Regions

Technical Committees of IEICE-CS (Regular Committees)

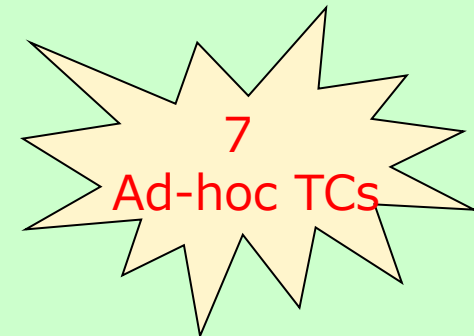
- Antennas and Propagation (**AP**)
- Internet Architecture (**IA**)
- Space, Aeronautical and Navigational Electronics (**SANE**)
- Satellite Telecommunications (**SAT**)
- Electromagnetic Compatibility (**EMCJ**)
- Communication Quality (**CQ**)
- Information and Communication Management (**ICM**)
- 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

Technical Committees of IEICE-CS (Ad hoc Committees)

- Standardization & Innovation in ICT Technologies (**SIIT**)
(2008.10-2022.3)
- Extremely Advanced Optical Transmission (**EXAT**)
(2010.4-2022.3)
- Network Virtualization (**NV**)
(2011.4-2023.3)
- Photonics-applied Electromagnetic Measurement (**PEM**)
(2012.4-2022.3)
- Information-Centric Networking (**ICN**)
(2015.3-2023.3)
- Networked Digital Service Platform (**DPF**)
(2019.5-2023.3)
- Underwater Wireless Technology (**UWT**)
(2020.4-2022.3)



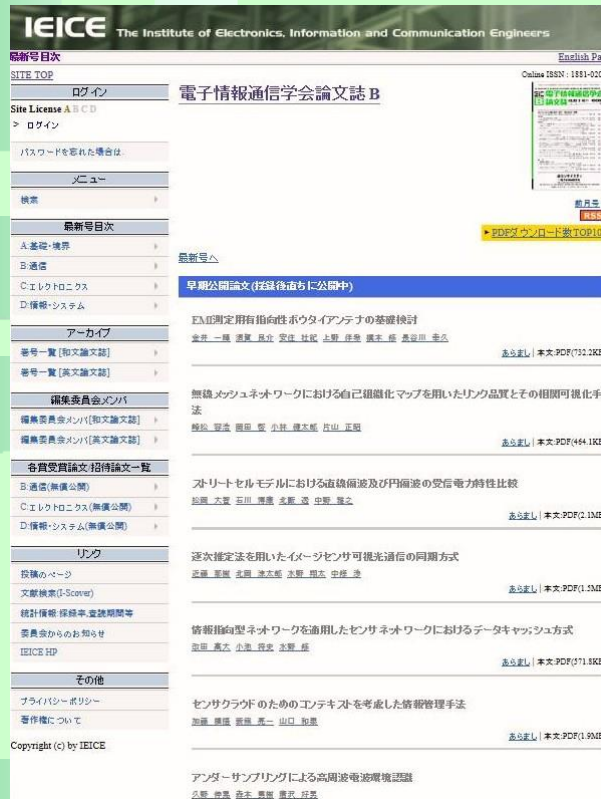
Technical Committees of IEICE-CS (Special Ad hoc Committees)



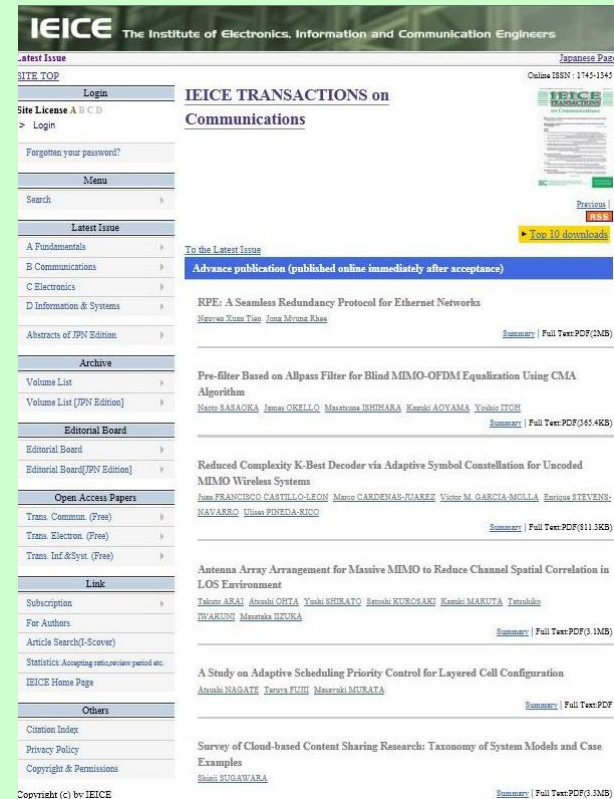
- Multiple Innovative Kenkyu-kai Association for wireless communications (MIKA)
(2020.3-2022.2)
- Cross-Field Research Association of Super-Intelligent Networking (RISING)
(2020.9-2022.8)

Publications

(1) Transactions on Communications



The screenshot shows the Japanese homepage of IEICE Transactions on Communications. The header includes the IEICE logo and the text 'The Institute of Electronics, Information and Communication Engineers'. Below the header, there are navigation links for 'English Page', 'SITE TOP', and 'Login'. A sidebar on the left contains a '最新号目次' (Latest Issue Table of Contents) with categories like 'A 基礎・境界', 'B 通信', 'C エレクトロニクス', and 'D 情報システム'. The main content area features a '最新号目次' section with a 'PDFダウンロードTOP10' button. Below this, there are several article listings with titles in Japanese, author names, and download links. For example, one article is titled 'EM測定用指向性ホウタイアンテナの基礎検討' (Fundamental Study of Directional Horn Antenna for EM Measurement) by 金井 一哉, 渡邊 昌夫, 安住 壮史, 土野 祥泰, 藤本 浩, 高野田 幸広, with a link to 'ダウンロード | 本文:PDF(712.2KB)'. Another article is '無線メッシュネットワークにおける自己組織化マップを用いたリンク品質とその相関可視化手法' (Link Quality and Its Correlation Visualization Method Using Self-Organizing Map in Wireless Mesh Network) by 船橋 智哉, 藤田 寛, 小野 謙太郎, 石山 正樹, with a link to 'ダウンロード | 本文:PDF(444.1KB)'. The footer includes 'Copyright (c) by IEICE'.



The screenshot shows the English homepage of IEICE Transactions on Communications. The header includes the IEICE logo and the text 'The Institute of Electronics, Information and Communication Engineers'. Below the header, there are navigation links for 'Japanese Page', 'SITE TOP', and 'Login'. A sidebar on the left contains a '最新号目次' (Latest Issue Table of Contents) with categories like 'A Fundamentals', 'B Communications', 'C Electronics', and 'D Information & Systems'. The main content area features a '最新号目次' section with a 'PDFダウンロードTOP10' button. Below this, there are several article listings with titles in English, author names, and download links. For example, one article is titled 'RPE: A Seamless Redundancy Protocol for Ethernet Networks' by Nguyen Xuan Tien, Joss Mironi-Rabin, with a link to 'Summary | Full Text:PDF(2MB)'. Another article is 'Pre-filter Based on Allpass Filter for Blind MIMO-OFDM Equalization Using CMA Algorithm' by Naoto HARADA, James OKELLO, Masayoshi ISHIMARA, Kenichi AOKIYAMA, Yoshio ITOH, with a link to 'Summary | Full Text:PDF(345.4KB)'. The footer includes 'Copyright (c) by IEICE'.

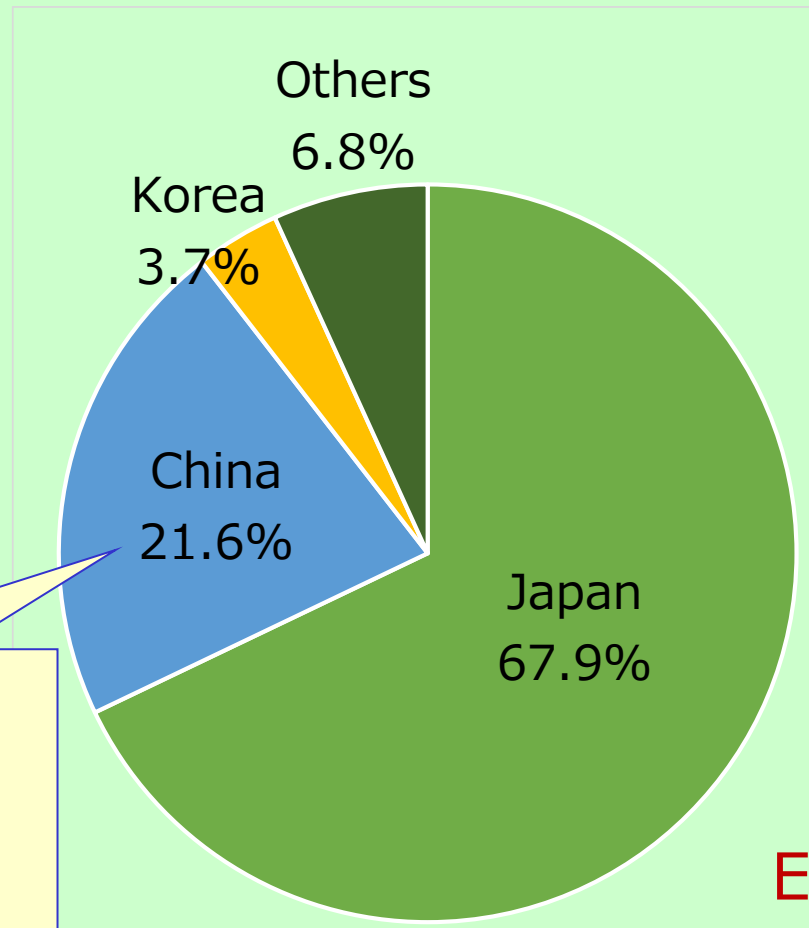
The Communications Society issues two Transactions monthly. (English and Japanese Editions)
Only available in electronic format.

Publications

(1) Transactions on Communications

2019 Impact Factor: 0.614

Year 2020



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

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

English Edition

Publications

(2) IEICE Communications Express



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



Features:

- 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 1,500 words) are rapidly published after acceptance.

Publications

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

- Average length of review period

Trans. Commun. PAPER :

- ✓ **83 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 :

- ✓ **28 days** in average from the time of submission to the first review result notification in 2019
- ✓ **48 days** in average from the time of submission to advance publication in 2019
- ✓ Acceptance rate: 47.9% (in 2019)



Short
review period

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



Publications

(4) GLOBAL NEWSLETTER & E-mail News

- GLOBAL NEWSLETTER
English newsletters
(messages from IEICE-CS presidents, fellows and reports of Society's activities, conferences, etc.) every March, June, September, and December.
- E-mail News
 - News (CFPs, workshops, etc.) reported occasionally since 2003.



International Conferences

International Conferences in **2015 – 2020**

Categories	Number of conferences
Sponsored / Co-Sponsored	17
Technically Co-sponsored	81
Cooperation	24

Regions	Number of conferences
Africa	5
Asia	73
Oceania	4
Middle East	1
North America	10
Europe	20
Virtual conf.	13 (incl. 4 hybrid conferences)

International Conferences

Upcoming international conferences supported by IEICE-CS in 2021

Schedule	Conference Name	Venue	Sponsors
13 Dec. – 16 Dec. 2021	The 24th International Symposium on Wireless Personal Multimedia Communications (WPMC2021)	Okayama, Japan	NICT, YRP (Technically co-sponsored by IEICE-CS)
3 Nov. – 5 Nov. 2021	International Symposium on Extremely Advanced Transmission Technologies (EXAT2021)	Matsue, Japan	IEICE-CS/EXAT (Co-sponsored by National Institute of Information and Communications Technology)
20 Oct. – 22 Oct. 2021	The 12th International Conference on ICT Convergence (ICTC2021)	Jeju Island, Korea	The Korean Institute of Communications and Information Sciences (KICS) (Technically co-sponsored by IEICE-CS)
19 Oct. – 22 Oct. 2021	2021 International Symposium on Antennas and Propagation (ISAP2021)	Taipei, Taiwan	National Taiwan University of Science and Technology, National Taiwan University (Technically co-sponsored by IEICE-CS)
10 Oct. – 13 Oct. 2021	2021 Asia-Pacific Conference on Communications (APCC2021)	Virtual conf.	IEEE Malaysia Section VT/COM Joint Chapter (Technically co-sponsored by IEICE-CS)
26 Sept. – 29 Sept. 2021	10th International Conference on Renewable Energy Research and Applications (ICRERA2021)	Ankara, Turkey	International Journal of Renewable Energy Research (In corporation with IEICE-CS)
8 Sept. – 10 Sept. 2021	The 22nd Asia-Pacific Network Operations and Management Symposium (APNOMS2021)	Tainan, Taiwan	IEICE-CS/ICM (Co-sponsored by The Korean Institute of Communications and Information Sciences (KICS) Korean Network Operations and Management (KNOM))
3 July 2021	Workshop “SDM is beginning to reach its capacity limit? What is a viable path to 100 Pbit/s per fiber and beyond?” in the 26th Optoelectronics and Communications Conference (OECC2021 SDM Workshop)	Hong Kong	The Hong Kong Polytechnic University, The Optical Society of America (OSA), IEEE Photonics Society (Technically co-sponsored by IEICE-CS/EXAT)
29 June – 2 July 2021	The 12th International Conference on Ubiquitous and Future Networks (ICUFN2021)	Porto, Portugal	The Korean Institute of Communications and Information Sciences (KICS), IEEE Communications Society (Technically co-sponsored by IEICE-CS)
29 June – 1 July 2021	9th International Conference on Smart Grid (icSmartGrid2021)	Setubal, Portugal	International Journal of Renewable Energy Research (In corporation with IEICE-CS)
28 June – 2 July 2021	International Conference on Network Softwarization 2021 (NetSoft2021)	Tokyo, Japan	IEEE Communications Society (Technically co-sponsored by IEICE-CS/ICM)
27 June – 30 June 2021	IEEE/ACM International Symposium on Quality of Service (IWQoS2021)	Tokyo, Japan	IEEE Communications Society, ACM (Technically co-sponsored by IEICE-CS/CQ)

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 19th March 2019, the event was held at IEICE General Conference in Waseda University
 - successful with **over 300 participants** including about 100 students
 - **38 poster panels** were prepared by companies, national institutes, societies, technical committees, and the student activity committee
- The Event in 2021 held online due to COVID-19

