

Introduction to IEICE-CS

IEICE Communications Society

Organization of IEICE-CS Executive Committees

- Board of Directors: President Dr. Kou MIYAKE

- Administration of Communications Society

- Editorial Board

- Transactions on Communications [English]

- IEICE Communications Express (ComEX) [English]

- Transactions on Communications (Japanese)

- Communications Society Magazine, B-plus (Japanese)

- Council of Technical Committee Representatives

- 21(Regular)+7(Ad hoc) Technical Committees

- Each TC organizes 5 or more workshops for presentation and discussions with several tens participants per year.

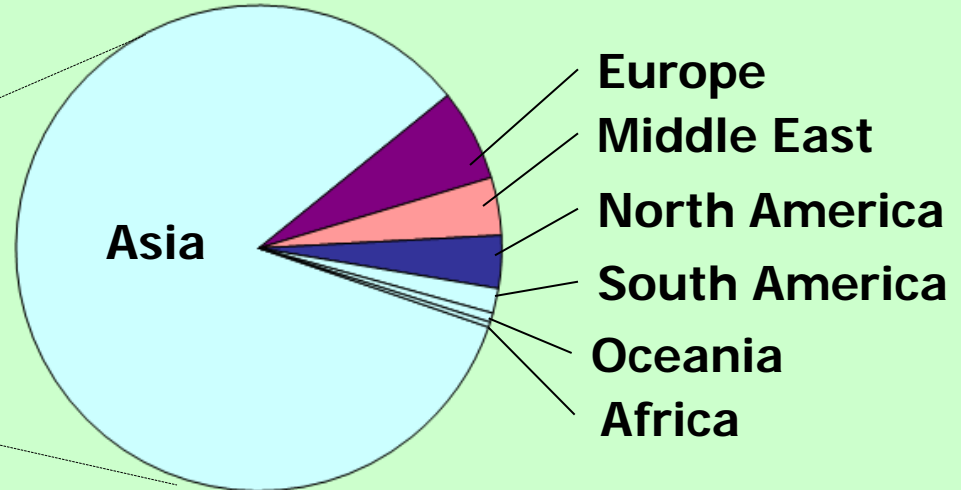
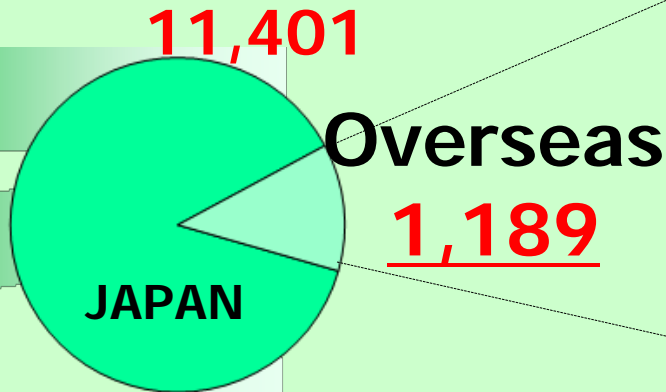
- Technical sessions in General/Society Conference

Visit "<http://www.ieice.org/cs/index.html>" for more information.



Overseas Members of IEICE-CS

IEICE-CS members (March 2014)



ALGERIA
AUSTRALIA
BANGLADESH
BELGIUM
BOSNIA AND
HERZEGOVINA
BRAZIL
CANADA
CHINA
CROATIA
CZECH
DENMARK
EGYPT
FINLAND

FRANCE
GERMANY
GREECE
HUNGARY
INDIA
INDONESIA
IRAN
IRELAND
ITALY
JORDAN
KOREA
MACEDONIA
MALAYSIA
MEXICO

MONTENEGRO
NETHERLANDS
NORWAY
OMAN
PAKISTAN
PHILIPPINE
POLAND
PORTUGAL
REPUBLIC OF CYPRUS
REPUBLIC OF ECUADOR
ROMANIA
RUSSIA
SAUDI ARABIA
SERBIA

SINGAPORE
SLOVENIA
SOUTH AFRICA
SPAIN
SWEDEN
SWITZERLAND
TAIWAN
THAILAND
TURKEY
U.K.
U.S.A.
VIETNAM

53
Countries

Publications (1)

Transactions on Communications

- Published monthly
- 500-600 papers a year

Communications Express (ComEX)

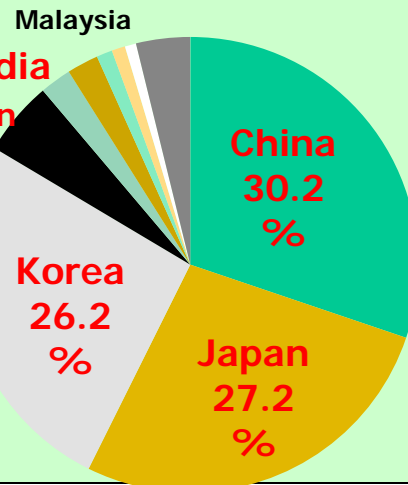
- Started in June, 2012
- Published monthly
- Online Letter Journal

Distribution of accepted papers (Year 2013)

ComEX
IEICE Communications Express

Features of ComEX:

- Papers are DOI (digital object identifier) attached and accessible through the Internet (<http://www.comex.ieice.org/>).
- Papers with multimedia files such as movie files can be published.
- Short papers (up to 1,500 words) are published in a short time after acceptance.



Special Section on Multi-carrier Signal Processing Techniques for Next Generation Mobile Communications—Part 2

Special Section on Multi-carrier Signal Processing Techniques for Next Generation Mobile Communications—Part 2

FOREWORD

PAPERS

426 Proposal of Clipping and Inter-Modulation Noise Mitigation Method for OFDM Signals in Frequency Selective Fading Channels PAIK SUNGMIN, KANG KWAN MOH, YOO JUNGCHUL, and HAN SOONHYUN

436 Differential Modulated Pilot Symbol Assisted OFDM for Reducing the MUI with Predicted FBI Channel CHANG JIN JIN, SANG TAEGUN, and HIRATA HIROAKI

443 Evaluation of MC-CDMA with Frequency Interleaving Technique in Frequency Selective Fading Channel MASU FUMIYUKI, HIRATA HIROAKI, and SUGIYAMA SUZUKI

452 Direct Decoder of Uplink Space-Time Block Coded MC-CDMA Systems YANING JING and QIYE YIN

463 Turbo Layered Space Frequency Coded OFDM for High-Speed Wireless Communications JING HU, LIN CHAO, JIN PAN, and GU HONG IM

471 Performance Analysis of Polynomial Cancellation Coding for OFDM Systems over Time-Varying Rayleigh Fading Channels ABULKABIR S. AL-JABIR and TAREK KASHBOUR

478 Two Dimensional Combined Complementary Sequences and Its Application in Multi-Carrier CDMA CHEN ZHANG, XIAO LING, and MIKIOHITO HASEGAWA

487 Variable Spreading Factor OFDM with Two Dimensional Spreading that Prioritizes Time Domain Spreading for Forward Link Broadband Wireless Access NINGYI MA, JIA YU, and MASA SAHARA

489 Study on the QPSK Code Selection for Downlink MC-CDMA TAKEMITSU INOUE, ISHIOBUKI GORO, and FURUKAWA AKAHIRO

508 Variable Spreading and Chip Repetition Factors (VSRP-CDMA) in Reverse Link for Broadband Packet Wireless Access YOSHIZUMI GOTO, TETSU KAWAMURA, HIROMITSU ASAKASHI, and MASAO SAWAHASHI

520 A Wavelet Network Interpolation Algorithm for OFDM Channel Estimation Systems HUIYUAN LIU, DAI ZHANG, RONG ZHANG, and FENG JILI

526 An OFDM Based Adaptive Modulation Scheme Employing Variable Coding Rate SHINJI NAKAMOTO, SHINJI HANADA, and NORIKIYO MORINAGA

533 A Novel Frequency Offset Estimator over Frequency Selective Fading Channels by Using Convolutional Coding ZIYANG CHEN, TAO GUANG, and FENG JILI

544 Performance Evaluation of Time Alignment Control under High-Mobility Environment for Dynamic Parameter Controlled OFDMA KYUJA KIMURA, RYUICHI FUNADA, HIROHI HARADA, and SHOU SHIBUDA

A PUBLICATION OF THE COMMUNICATIONS SOCIETY
The Institute of Electronics, Information and Communication Engineers
4-3-1, Hishikashi 3-chome, Minato-ku, TOKYO, 108-8501 JAPAN
URL: <http://search.ieice.org/>

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Transactions PAPER :

- * **3.5 months** from the time of submission to the first review result notification
- * **9 months** to publication

ComEX LETTER :

- * **20 days** from the time of submission to the first review result notification
- * **40 days** to publication

Publications (2)

GLOBAL NEWSLETTER [English]

- Started in August, 2002.
- Published quarterly
- Report of Society's activities, Report of Conference

Transactions on Communications [Japanese]

- Published monthly

Communications Society Magazine, B-plus [Japanese, Online, Free]

- Started in June, 2007
- Published quarterly
- Technical reviews, surveys, practical topics etc.



E-mail News: Issued occasionally since 2003

Technical Committees

Features of workshops: 5 times or more per year

- No review for presentation by members.
- No registration fee for members.
- No need to wait for long for presentation and discussions on new ideas.

21 Regular TCs

+

7 Ad-hoc TCs to explore emerging technologies

- 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**)
- Software Radio (**SR**)
- Ambient Intelligence and Sensor Networks (**ASN**)
- 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**)
- Mobile Network and Applications (**MoNA**)

Many TCs organize overseas technical workshops. Please join us !

International Conference Supports And Sister Societies

■ International Conference Supports in 2013.

Support Categories	Number of conferences	Regions	Number of conferences
Financial co-sponsorship	4	Asia(incl. Japan)	14
Technical co-sponsorship	9	Europe	5
Promotion support	8	Other	2

■ Our current sister societies:

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