

# The 31<sup>st</sup> Asia-Pacific Conference on Communications

November 10-12, 2026 | Xi'an, China

## CALL FOR PAPERS

The APCC (Asia-Pacific Conference on Communications), which is an international forum focusing on communications and information technology, has been hosted in 10 Asia-Pacific (AP) countries since 1993, i.e. Korea (1993, 2000, 2006, 2012, 2022), Japan (1995, 2001, 2008, 2015), China (1999, 2004, 2009, 2018), Australia (1997, 2005, 2017, 2023), Indonesia (2002, 2013, 2016, 2024), Malaysia (2003, 2011, 2021), Thailand (2007, 2014), Singapore (1998), New Zealand (2010), and Vietnam (2019).

### Conference Committee

#### Steering Committee

Xiaohu Ge, Huazhong University of Science and Technology, China  
Borhanuddin Mohd ALI, Universiti Putra Malaysia, Malaysia  
Ary Murti, Telkom University, Indonesia  
Hsiao-Hwa Chen, National Cheng Kung University, China  
Tony Quek, Singapore University of Technology and Design, Singapore  
Ram Gopal Gupta, Ministry of Information Technology, India  
David Huang, University of Western Australia, Australia  
Wei Zhang, University of New South Wales, Australia  
Vo Nguyen Quoc Bao, Posts and Telecommunications Institute of Technology, Vietnam

#### Organizing Committee

##### General Chair

Zan Li, Xidian University, China

##### Executive Chair

Huaxi Gu, Xidian University, China

##### Technical Programming Committee Chair

Tong Song, China Institute of Communications, China

##### Technical Programming Committee Vice Chairs

Yong Xiao, Huazhong University of Science and Technology, China  
Jiangbo Si, Xidian University, China

##### Local Organizing Chairs

Deshui Yu, Xidian University, China

Yue Zhao, Xidian University, China

##### Publication Chair

Long Yang, Xidian University, China

##### Publicity Chair

Nan Zhao, Dalian University of Technology, China

##### Financial Chair

Yinan Geng, China Institute of Communications, China

##### Special Session Chair

Daquan Feng, Shenzhen University, China

#### Technical Program Committee Members

Fumiyuki Adachi, Tohoku University, Japan  
Koichi Adachi, Keio University, Japan  
Wiseto Agung, ARS University, Indonesia  
Duaa Al-hamid, Auckland University of Technology, New Zealand  
Atallah Al-Shatnawi, Al Al-Bayt University, Jordan  
Akram Almohammed, Karabük University, Turkey  
Takuya Asaka, Tokyo Metropolitan University, Japan  
Carlos Astudillo, University of Campinas, Brazil  
Masaki Bandai, Sophia University, Japan  
Claes Beckman, KTH Royal Institute of Technology, Sweden  
Suppakkarn Chansareewittaya, Mae Fah Luang University, Thailand  
Haiming Chen, Ningbo University, China  
Edward Chlebus, Illinois Institute of Technology, USA  
Bong Jun Choi, Soongsil University, South Korea  
Yoon-Ho Choi, Pusan National University, South Korea  
Yun Won Chung, Soongsil University, South Korea  
Iain Collings, Macquarie University, Australia  
Udhaya Kumar Dayalan, Trane Technologies, USA  
Floriano De Rango, University of Calabria, Italy  
Jose de Souza, UFC, Brazil  
Muftah Fraifer, University of Limerick, Ireland  
Mario Freire, Instituto de Telecomunicacoes, Portugal  
Akihiro Fujimoto, Wakayama University, Japan  
Javier Gozalvez, Universidad Miguel Hernandez de Elche, Spain  
Xiang Gui, Massey University, New Zealand  
Jairo Gutierrez, Auckland University of Technology, New Zealand  
Hiromasa Habuchi, Ibaraki University, Japan  
Dong Seog Han, Kyungpook National University, South Korea  
Yejun He, Shenzhen University, China  
Janus Heide, Steinwurf, Denmark  
Kenichi Higuchi, Tokyo University of Science, Japan  
Yafei Hou, Okayama University, Japan  
Chih-Lin Hu, National Central University, China  
Nguyen Huu Thanh, Hanoi University of Science and Technology, Vietnam  
Seung-Hoon Hwang, Dongguk University, South Korea  
Taewon Hwang, Yonsei University, South Korea  
Susumu Ishihara, Shizuoka University, Japan  
Istikmal Istikmal, Telkom University, Indonesia  
Sang-Woon Jeon, Hanyang University, South Korea  
Xiaohong Jiang, Future University-Hakodate, Japan  
Hu Jin, Hanyang University, South Korea  
Changhee Joo, Korea University, South Korea  
Jingon Jounig, Chung-Ang University, South Korea  
Yasin Kabalci, Niğde Ömer Halisdemir University, Turkey  
Zeeshan Kaleem, King Fahd University of Petroleum and Minerals (KFUPM), Pakistan  
Duk Kyung Kim, Inha University, South Korea  
Hakyong Kim, What's Matter Inc., South Korea  
Hwangnam Kim, Korea University, South Korea  
Hyunbum Kim, Incheon National University, South Korea  
Jeong Gon Kim, Tech University of Korea, South Korea  
Joongheon Kim, Korea University, South Korea  
Junsu Kim, Tech University of Korea, South Korea  
Sang-Hyo Kim, Sungkyunkwan University, South Korea  
Su Min Kim, Tech University of Korea, South Korea  
Yun Hee Kim, Kyung Hee University, South Korea

Tomotaka Kimura, Doshisha University, Japan

Yuichi Kimura, Saitama University, Japan

JeongGil Ko, Yonsei University, South Korea

Young-Chai Ko, Korea University, South Korea

Peng-Yong Kong, Singapore Institute of Technology, Singapore

E Hari Krishna, Kakatiya University, India

Ryogo Kubo, Keio University, Japan

Udgata Kumar, University of Hyderabad, India

Taesoo Kwon, Seoul National University of Science and Technology, South Korea

Hoang Le, University of Aizu, Japan

Byungju Lee, Incheon National University, South Korea

Howon Lee, Ajou University, South Korea

Hyang-Won Lee, Konkuk University, South Korea

HyungJune Lee, Ewha Womans University, South Korea

Hyungkeun Lee, Kwangwoon University, South Korea

Jang-Won Lee, Yonsei University, South Korea

Sanghwan Lee, Kookmin University, South Korea

Kenji Leibnitz, NICT, Japan

Chunguo Li, Southeast University, China

Yujin Lim, Sookmyung Women's University, South Korea

Wei Liu, Chongqing University of Technology, China

Ranjith Liyanapathirana, Western Sydney University, Australia

Tat Lok, The Chinese University of Hong Kong, Hong Kong

Pascal Lorenz, University of Haute Alsace, France

Pavel Loskot, ZJU-UIUC Institute, China

Hsiao-feng Lu, National Yang Ming Chiao Tung University, China

Lu Lu, Technology and Engineering Center for Space Utilization, Chinese Academy of Sciences, China

Kazuki Maruta, Tokyo University of Science, Japan

Takahiro Matsuda, Tokyo Metropolitan University, Japan

Michael McGuire, University of Victoria, Canada

Natarajan Meghanathan, Jackson State University, USA

Nobuhiko Miki, Ritsumeikan University, Japan

Yuichi Miyaji, Aichi Institute of Technology, Japan

Teruyuki Miyajima, Ibaraki University, Japan

Osamu Mizuno, Kogakuin University, Japan

Kazuo Mori, Mie University, Japan

Husneni Mukhtar, Telkom University, Indonesia

Hidekazu Murata, Yamaguchi University, Japan

Osamu Muta, Kyushu University, Japan

Marwan Nafea, University of Nottingham Malaysia, Malaysia

Ayano Naito, Aichi Institute of Technology, Japan

N Nasimuddin, Institute for Infocomm Research, Singapore

Yuichi Ohsita, The University of Osaka, Japan

Chikara Ohta, Kobe University, Japan

Satoshi Ohzahata, The University of Electro-Communications, Japan

Jeongyeup Paek, Chung-Ang University, South Korea

Seok-Hwan Park, Jeonbuk National University, South Korea

Thanh Pham, Shizuoka University, Japan

Paulo Pinto, Universidade Nova de Lisboa, Portugal

Liping Qian, Zhejiang University of Technology, China

Tony Q. S. Quek, Singapore University of Technology and Design, Singapore

Grienggrai Rajchakit, Maejo University, Thailand

Jamal Rasool, Iraq, Iraq

Luca Reggiani, Politecnico di Milano, Italy

Eric Renault, LIGM, Université Gustave Eiffel, CNRS, ESIEE Paris, France

Heejun Roh, Inha University, South Korea

Harald Rohde, Nokia, Germany

Simon Pietro Romano, University of Napoli Federico II, Italy

Masato Saito, University of the Ryukyus, Japan

Kosuke Sanada, Mie University, Japan

Winston Seah, Victoria University of Wellington, New Zealand

Oh-Soo Shin, Soongsil University, South Korea

Soo Young Shin, Kumoh National Institute of Technology, South Korea

Shigeo Shioda, Chiba University, Japan

Joni Simatupang, Indonesia Defense University, Indonesia

Arun Soman, Iowa State University, USA

Himal Suraweera, University of Peradeniya, Sri Lanka

Akihito Taya, The University of Tokyo, Japan

Ljiljana Trajković, Simon Fraser University, Canada

Gia Khanh Tran, Institute of Science Tokyo, Japan

Hoai Tran-Dang, Kumoh National Institute of Technology, South Korea

Adriaan van Wijngaarden, Bell Laboratories, Nokia, USA

Shibiao Wan, University of Nebraska Medical Center, USA

Licheng Wang, Beijing Institute of Technology, China

Xijun Wang, Sun Yat-sen University, China

Yanmin Wang, Minzu University of China, China

Carlos Becker Westphall, Federal University of Santa Catarina, Brazil

Yufeng Xin, University of North Carolina at Chapel Hill, USA

Sugang Xu, National Institute of Information and Communications Technology, Japan

Tianhua Xu, University of Warwick, United Kingdom (Great Britain)

Koji Yamamoto, Kyoto Institute of Technology, Japan

Ryo Yamamoto, The University of Electro-Communications, Japan

Satoshi Yamazaki, Tokai University, Japan

Tetsuya Yokotani, Kanazawa Institute of Technology, Japan

Ji-Hoon Yun, Seoul National University of Science and Technology, South Korea

Sherali Zeadally, University of Kentucky, USA

Xinming Zhang, University of Science and Technology of China, China

Mingxiong Zhao, Yunnan University, China

Yuezhi Zhou, Tsinghua University, China

### Conference Proceedings

#### Track 1. Signal Processing for Communications

- Advanced equalization, channel estimation, signal detection, and synchronization techniques
- Novel architectures for signal demodulation and decoding
- Signal processing for millimeter and Tera-Hz communication systems
- Signal processing for single-carrier, OFDM, and NOMA systems
- Signal processing for MIMO/Massive MIMO systems
- Machine learning and stochastic geometry-based signal processing

#### Track 2. Wireless Communications

- Antennas and propagation
- MIMO, multi-user MIMO, and massive MIMO
- OFDM and multi-carrier systems
- Multiple access techniques and air interfaces (CDMA, TDMA, FDMA, OFDMA, NOMA)
- Millimeter wave and Terahertz communications
- Maritime, space, and underwater communications
- Intelligent reflecting surfaces for wireless communications
- Ultra-reliable low-latency communication (URLLC)
- Spectrum sharing and coexistence in heterogeneous networks
- Privacy and security in wireless communications
- Visible light communications (VLC) and optical wireless communications (OWC)
- Wireless charging and energy harvesting
- Artificial intelligence (AI) and machine learning (ML) for wireless communications

#### Conference Proceedings

After a peer reviewing process, all accepted papers after proper registration and presentation, will be published in the conference proceedings, and submitted for indexing by **El compendex**.

#### Submission Method



Scan the QR code or copy the link into your browser to submit your papers: <https://easychair.org/conferences/?conf=apcc2026>

For further information, please visit: <https://apcc2026.org/sub.html>

#### Track 3. Networking

- Power System Solutions Towards a Net-Zero Future
- Beyond 5G/6G and other emerging broadband wireless networks
- WLAN, WPAN, and other home/personal networking technologies
- Optical network architecture, design, and control
- Non-terrestrial networks (NTN)
- V2X and Vehicular networks
- Maritime and underwater wireless networks
- Network function virtualization (NFV) and software-defined networking (SDN)
- Information-centric networks (ICN) and content centric networks (CCN)
- Green networks and sustainable communication technologies
- AI/ML based networks

#### Track 4. Emerging Technologies, Applications, and Services

- Context and location-aware wireless services and applications
- Edge, fog, and cloud computing for emerging applications and services
- User-centric networks and adaptive services
- Wireless body area networks and e-health services
- Intelligent transportation systems
- Internet of Things (IoT) and smart cities
- Blockchain and distributed ledger technologies (DLT)
- C