

Singapore Workshop on Antennas

02 – 03 November 2026, Singapore

www.swasg.org



Program on 2 November 2026 (Monday), Venue: Siloso 1 (Please download detailed final program using QR above)

8:30 am	Registration
8:50 am	Welcome speech (by General Chair Yueping Zhang)
9:00 am	Keynote Speech From Modes to Beams: Harnessing Multi-Port Antennas for Hemispherical Beamforming Christophe Fumeaux, The University of Queensland (Chaired by Yueping Zhang, Nanyang Technological University)
9:50 am	Coffee Break
10:20 am	Keynote Speech Waveguide-Bend Mode Conversion for Omnidirectional Antennas Jiro Hirokawa, Institute of Science Tokyo (Chaired by Christophe Fumeaux, The University of Queensland)
11:10 am	Keynote Speech Beyond the Bandwidth-Efficiency Limits of Electrically Small Antennas: Non-LTI Transmitters for HF Communications Nader Behdad, University of Wisconsin-Madison (Chaired by Rui Zhang, National University of Singapore)
12:00 pm	Lunch at Silver Shell Cafe
1:20 pm	Keynote Speech Exploiting 6D Movable Antenna for Enhanced Wireless Communication and Sensing Rui Zhang, National University of Singapore (Chaired by Nader Behdad, University of Wisconsin-Madison)
2:10 pm	Keynote Speech Evolution and Challenges of Wireless Communication Systems in the AI Era Erni Zhu, Huawei Technologies (Chaired by Zhinong Ying, University of Electronic Science and Technology of China)
3:00 pm	Coffee Break
3:30 pm	Distinguished Lecture Exploring the Potential of 3D Printing Technologies for Antenna Design and Fabrication - Challenges and Opportunities Bing Zhang, Sichuan University (Chaired by Yang Yang, The University of Sydney)
4:15 pm	Distinguished Lecture Toward Ultracompact Holographic Metasurface Antennas for LEO CubeSat Communications Gangil Byun, Ulsan National Institute of Science and Technology (Chaired by Yang Yang, The University of Sydney)
6:00 pm	To board the bus for Welcome Reception at RedDot BrewHouse @ Dempsey Hill, 25A Dempsey Rd, #01-01, Singapore 247691. (Attendees to wait at the hotel lobby by 6:00pm for the bus departing to the venue above)

Singapore Workshop on Antennas

02 – 03 November 2026, Singapore

www.swasg.org



Program on 3 November 2026 (Tuesday), Venue: Siloso 1 (Please download detailed final program using QR above)

9:10 am	Keynote Speech Advancing Distributed Antenna System: From EM near field features to Intelligent Electromagnetic Space Zhinong Ying, University of Electronic Science and Technology of China (Chaired by Wei Fan, Southeast University)
10:00 am	Coffee Break
10:30 am	Distinguished Lecture Research Progress of Magnetoelectric Antennas and Optimized Design of Novel SAW Magnetoelectric Antennas Guomin Yang, Fudan University (Chaired by Gangil Byun, Ulsan National Institute of Science and Technology)
11:15 am	Distinguished Lecture Testing for Advanced Phased Array Systems, Challenges and Recent Advances Wei Fan, Southeast University (Chaired by Gangil Byun, Ulsan National Institute of Science and Technology)
12:00 pm	Lunch at Silver Shell Cafe
1:15 pm	Distinguished Lecture Emerging Advanced Manufacturing Techniques for 3D/4D Antennas Yang Yang, The University of Sydney (Chaired by Bing Zhang, Sichuan University)
2:00 pm	Rising Star Talk A Design Strategy for Broadband, Wide-Angle Circularly Polarized Beam-Scanning Antenna Arrays with Low Scan Loss Chao Wang, Anhui University (Chaired by Bing Zhang, Sichuan University)
2:30 pm	Rising Star Talk Coupled-Resonator Array Antennas for Frequency-Diverse Sensing Hongxin Zhou, Guangdong University of Technology (Chaired by Bing Zhang, Sichuan University)
3:00 pm	Coffee Break
3:30 pm	Rising Star Talk Passive Metasurfaces for Antenna Applications: From Static Multifunctionality to Dynamic Reconfigurability Weixu Yang, Nanjing University of Aeronautics and Astronautics (Chaired by Guomin Yang, Fudan University)
4:00 pm	Rising Star Talk One Framework, Different Dielectrics: A Generalized Design Method for Periodic Leaky-Wave Endfire Antennas with High Gain-to-Length Ratio Xihui Teng, King Abdullah University of Science and Technology (Chaired by Guomin Yang, Fudan University)
4:30 pm	Rising Star Talk History, Research Progress and Outlook of Laminated Resonator Antennas Yaowei Hou, City University of Hong Kong (Chaired by Guomin Yang, Fudan University)
6:30 pm	Banquet at Siloso 3 (Certificate presentation, Eng Leong Tan, Nanyang Technological University)