



Monday 26th August 2024

Monday 26th August 2024	
08:30 - 09:00	Start of Day 1 (Venue: Crystal Ballroom) Registration
09:00 – 09:10	Opening Speech: ● Assoc. Prof. Dr. Mohd Haizal Jamaluddin , Chair IEEE Malaysia AP/MTT/EMC Joint Chapter
09:10 – 09:20	● Prof. Dr. Kunio Sakakibara , Chair IEICE Technical Committee on Antennas & Propagation, Japan
09:20 – 09:30	● Prof. Yoshihide Yamada , Vice Chair of MJWRT2024
09:30 - 09:35	Photo Session
09:35 – 10:20	Keynote Speaker 1: Prof. Hiroyuki Arai Yokohama National University, JAPAN Title: Development of Cellular Base Station Antennas toward 6G System
10:20 - 10:30	Break
10:30 – 10:50	Invited Speaker 1: Prof. Dr. Kunio Sakakibara Nagoya Institute of Technology, JAPAN
10:50 - 11:10	Invited Speaker 2: Prof. Ir. Dr. Rosdiadee Nordin Sunway University, MALAYSIA
11:10 – 11:30	Invited Speaker 3: Prof. Dr. Tetsuro Imai Tokyo Denki University, JAPAN
11:30 – 11:50	Invited Speaker 4: Assoc. Prof. Dr. Mohd Taufik Bin Jusoh @ Tajudin Universiti Pertahanan Nasional Malaysia, MALAYSIA
11:50 – 12:10	Invited Speaker 5: Prof. Dr. Jiro Hirokawa Tokyo Institute of Technology, JAPAN
12:10 – 12:30	Invited Speaker 6: Prof. Ts. Dr. Azremi Abdullah Al Hadi Universiti Malaysia Perlis, MALAYSIA
12:30 – 14:00	Lunch
14:00 – 14:20	Industry session: Mr. Lim Seng Tat, Altair Engineering Sdn. Bhd.
14:20 – 14:40	Mr. Tan Jiann Wei, Keysight Technologies Sdn. Bhd.
14:40 – 15:00	Nihon Denkei Sdn. Bhd.
15:00 – 16:00	Women in Engineering (WIE) session: Ms. NoorAzian Abdull Wahab, National Instruments, MALAYSIA Prof. Ir. Dr. Widad Ismail, Universiti Sains Malaysia, MALAYSIA Dr. Kanako Wake, National Institute of Information and Communications Technology (NICT), JAPAN Prof Takeshi Fukusako, Kumamoto University, JAPAN
16:00 – 16:15	Break
16:15 – 16:35	Invited Speaker 7: Prof. Dr. Masaharu Takahashi Chiba University, JAPAN
16:35 – 16:55	Invited Speaker 8: Assoc. Prof. Dr. Idnin Pasya Ibrahim University of Aizu, JAPAN
16:55 – 17:15	Invited Speaker 9: Assoc. Prof. Dr. Imran Universiti Teknikal Malaysia Melaka, MALAYSIA
17:15 – 17:35	Invited Speaker 10: Prof. Dr. Takuji Arima Tokyo University of Agriculture and Technology, JAPAN
17:35 – 17:55	Invited Speaker 11: Dr. Rasyidah Hanan M. Baharin National Institute of Information and Communications Technology (NICT), JAPAN
17:55 – 18:15	Invited Speaker 12: Dr. Hiroyuki Tsuji National Institute of Information and Communications Technology (NICT), JAPAN
18:15	END DAY 1

Tuesday 27th August 2024

	Start of Day 2
08:30 – 09:30	General Session A1 (4 papers) (Venue: Crystal Ballroom)
	General Session B1 (4 papers) (Venue: Hibiscus Room)
09:30 – 10:15	(Venue: Crystal Ballroom) Keynote Speaker 2: Prof. Ir. Dr. Mohd Fadzil Ain Universiti Sains Malaysia, MALAYSIA Title: Gain Enhanced on-chip monopole antenna utilizing dual rectangular patch artificial magnetic conductor at 5.8 GHz
10:15 – 10:30	Break
10:30 – 10:50	Invited Speaker 13: Prof. Dr. Naoki Honma Iwate University, JAPAN
10:50 – 11:10	Invited Speaker 14: Assoc. Prof. Ir. Dr. Zuhani Ismail Khan Universiti Teknologi MARA, MALAYSIA
11:10 – 11:30	Invited Speaker 15: Dr. Michitaka Ameya National Institute of Advanced Industrial Science and Technology (AIST), JAPAN
11:30 – 11:50	Invited Speaker 16: Dr. Mohd Nazri Mahmud Universiti Sains Malaysia, MALAYSIA
11:50 – 12:10	Invited Speaker 17: Assoc. Prof. Dr. Mohd Najib Mohd Yasin Universiti Malaysia Perlis, MALAYSIA
12:10 – 12:20	Invited Speaker 18: Dr. Nor Zakiah Yahaya Universiti Sains Malaysia, MALAYSIA
12:20 – 14:00	Lunch
14:00 – 14:40	Special session #1: Assoc. Prof. Dr. Nozomu Ishii Niigata University, JAPAN Title: Fundamentals and Research Attempts on Underwater Electromagnetic Waves
14:40 – 15:20	Special Session #2: Prof. Dr. Naobumi Michishita National Defense Academy, JAPAN Title: Recent Progress on Electromagnetic Metasurfaces
15:20 – 16:00	Special Session #3: Prof. Dr. Mohamad Kamal A. Rahim Universiti Teknologi Malaysia, MALAYSIA Title: Antenna with Metamaterial Structures and the Application in Wireless Communication Systems
16:00 – 16:15	Break
16:15 – 16:35	Invited Speaker 19: Prof. Dr. Keizo Cho Chiba Institute of Technology, JAPAN
16:35 – 16:55	Invited Speaker 20: Prof. Dr. Takeshi Fukusako Kumamoto University, JAPAN
16:55 – 18:25	General Session A2 (6 papers) (Venue: Crystal Ballroom)
	General Session B2 (5 papers) (Venue: Hibiscus Room)
19:45 – 22:00	Dinner & Award Ceremony (Venue: Oriental Ballroom)

Wednesday 28th August 2024

	Start of Day 3: Technical Tour
07:30 – 10:00	Departure for Industry Visit
10:00 – 12:00	Industry Visit and Plant Tour to Aemulus Corp Sdn Bhd, Bayan Lepas, Penang
12:00 – 13:00	Departure for Social Visit
13:00 – 17:00	Social Visit to Bukit Bendera, Penang (Lunch Not Provided)
17:00 – 19:00	Depart to Bayview Hotel End of Day 3

Presentation Tentative Program

Tuesday 27 th August 2024		
	General Session A1	General Session B1
	Session Chair: Prof Dr Naobumi Michishita National Defense Academy, Japan	Session Chair: Dr Shafrida Sahrani Universiti Kebangsaan Malaysia
08:30 – 08:45	ID 01: <i>A Wideband Compact Four Element T-Shape MIMO Antenna at 38 GHz for Future 5G Smart Devices</i> Kaloud Aljahwari, Fauziahanim Seman, Abdullah Abdullah, Hamza Ahmad, Azuwa Ali	ID 08: <i>Design and Fabrication of High-Gain Dual Linearly Polarized Patch antenna at 28 GHz</i> Siti Zainab Binti Mohd Hamzah, Norun Fariyah Abdul Malek, Sarah Mohamad, Farah Nadia Mohd. Isa
08:45 – 09:00	ID 02: <i>Rectangular Ring Resonator-Based Symmetrically Engineered Metamaterial Absorber For Electromagnetic Interference Shielding In The S And C Bands</i> Md Mohiuddin Soliman, Nazimul Mowla Chowdhury, Mohd Fais Mansor, Norbahiah Misran, Touhidul Alam , Mohd Hafiz Bin Baharuddin, Mohammad Tariqul Islam	ID 09: <i>A Broadband Substrate Integrated Waveguide Fed Dielectric Resonator Antenna with U-slot for 5G-NR Band</i> Nida Nasir, Mohd Haizal Jamaluddin, Nor Hidayu Shahadan
09:00 – 09:15	ID 05: <i>Signal Analysis for Drone Detection and Characterization using Acoustic Radar</i> Fatin Nur Syafiqah Mohd Rozaimi, Siti Amalina Enche Ab Rahim, Zuhani Ismail Khan, Nor Ayu Zalina Zakaria	ID 14: <i>Multibeam Performances of a Spherical Reflector with a Shaped Sub-reflector</i> Norazah Binti Abdullah, Ayuni Afiqah Arjunaidi, Yoshihide Yamada, Kamilia Kamardin
09:15 – 09:30	ID 06: <i>Design of Dual Band Bowtie Slot Antenna with Rectangular-Shaped Defected Ground Structure</i> Richard Ting Sing Wee, Intan Sorfina Zainal Abidin, Azniza Abd Aziz	ID 19: <i>Generating Orbital Angular Momentum Waves with 3-bit Resolutions of the Reflective Metasurface</i> Safpbri Johari, Mohd Najib Mohd Yassin, Arif Marwardi Ismail and Muhammad Miftahul Amri

Tuesday 27th August 2024

	General Session A2	General Session B2
	Session Chair: Dr. Rasyidah Hanan M. Baharin National Institute of Information and Communications Technology, Japan	Session Chair: Prof Dr Tetsuro Imai Tokyo Denki University, Japan
16:55 – 17:10	ID 03: <i>Numerical analysis of an omnidirectional and polarization-insensitive broadband metamaterial absorber based on a quadcopter-shaped structure</i> Mahamudur Rahman, Md Mohiuddin Soliman, Mohd Fais Mansor, Norbahiah Misran, Touhidul Alam, Norsuzlin binti mohd Sahar, Mohammad Tariqul Islam	ID 18: <i>Optimizing RFID sensor network design in poultry farms using the Taguchi method</i> S Salleh, R M A Lee, K Juani
17:10 – 17:25	ID 04: <i>Analysis of Electromagnetic Suspension (EMS) For Passenger Vehicle by Using Newton's Second Law Method</i> A.Z.M. Amin, S. Sahrani	ID 21: <i>Development of an IoE Framework and Dashboard for a Low Energy House Using Python</i> Morgan Kadowa Thomas Omalla, Hazilah Mad Kaidi, Chanda Galabuzi, Mohd Nabil Bin Muhtazaruddin, Shamsul Sarip
17:25 – 17:40	ID 10: <i>Electromagnetic Simulation of a Negative Refractive Index Lens Antenna</i> Mohammed Ghiffary, Izni Husna Idris, Kamilia Kamardin, Yoshihide Yamada	ID J2: <i>Propagation Characteristics of Hollow Cylindrical Concrete Structures in Sea Water for Offshore Wind Power Generation</i> Kaito Ishikawa, Masaharu Takahashi, Nozomu Ishii, Qiaowei Yuan, Qiang Chen and Hiroshi Yoshida
17:40 – 17:55	ID 15: <i>Analysis of terminator to the Butler Matrix performance at 28 GHz</i> Noorlindawaty Binti Md Jizat, Ayuni Afiqah, Norsiha Zainuddin, Norazah Abdullah, Yoshihide Yamada	ID 31: <i>Interactive IoE Smart City Dashboard in Enhancing Urban Data Analysis and Stakeholder Engagement</i> Chanda Galabuzi, Hazilah Mad Kaidi, Morgan Kadowa Thomas Omalla
17:55 – 18:10	ID J1: <i>Design of Crossed Dipole Antenna With Enhanced Axial Ratio Bandwidth</i> Chai-Eu Guan, and Takafumi Fujimoto	ID 30: <i>On Thin Flexible Wideband Printed Antenna for Sub-6 GHz Wearable Applications</i> Badrul Amin Azahari, Kamilia Kamardin, Yoshihide Yamada, S Fitri
18:10 – 18:25	ID J3: <i>Study on Miniaturization of a Modified Microstrip Line-Fed Slot Antenna</i> Linh Ta, D Nakayama, and M Hirose	
18:25	End of Day 2	