



Marina Forum on Metantennas

20 – 22 March 2022, Singapore
(Hybrid)

www.marinaforum.org



Program at a Glance

Singapore Time (GMT +8)	21 March (Mon)	Singapore Time (GMT +8)	22 March (Tue)
8:30 – 9:00	Opening Ceremony		
	Session MA Chairs: Liang Feng, Enxiao Liu		Session TA Chairs: Yijun Feng, Xianming Qing
9:00 – 10:00	KEYNOTE - Advanced Inverse-Design Methodologies for Electromagnetic and Optical Metantennas Douglas H. Werner, The Pennsylvania State University, USA	9:00 – 10:00	KEYNOTE - Metamaterial-inspired Electrically Small Directive Antennas and Their NextG Applications Richard W. Ziolkowski, University of Technology Sydney, Australia
10:00 – 11:00	KEYNOTE – From EBG’s to Meta-Surfaces and Beyond: Recent Developments and Novel Engineering Applications Yahya Rahmat-Samii, University of California Los Angeles, USA	10:00 – 10:40	INVITED - Combining Metamaterials and Electromagnetic Bandgap Structures to Enable Multifunctional Compact Antennas and Systems Ashwin K. Iyer, University of Alberta, Canada
11:00 – 11:20	Session break	10:40 – 11:00	Session break
11:20 – 12:00	Industry Talk	11:00 – 11:40	INVITED - Time-varying Coding Metasurface and Its Potential Application in Wireless Communication Yijun Feng, Nanjing University, China
12:00 – 13:20	Lunch Break	12:00 – 14:30	Lunch Break
	Student Paper Contest (SPC) Chairs: Hisamatsu Nakano, Minghui Hong		Session TP Chairs: Cheng-Wei Qiu and Terence See
13:20 – 16:00	SPC Presentations and Interactive Forum (Check website for detailed agenda)	14:30 – 15:00	SPC Awards Ceremony
16:00 – 16:20	Session Break	15:00 – 16:00	KEYNOTE - Metasurfaces 3.0 As A Key Enabling Technology For Future Wireless Systems Filiberto Bilotti, Roma Tre University, Italy
	Session MP Chairs: Xavier Begaud, Xinyi Tang	16:00 – 16:20	Session Break
16:20 – 17:20	KEYNOTE - Self-Complementary Metasurfaces Stefano Maci, University of Siena, Italy	16:20 – 17:00	INVITED - Modulated Metasurface Antennas: Models, Design Procedures and Practical Realizations Enrica Martini, University of Siena, Italy
17:20 – 18:00	INVITED - Strategies to Extend the Bandwidth of Wideband Antennas Over Artificial Magnetic Conductors Xavier Begaud, LTCI, Télécom Paris, Institut Polytechnique de Paris, France	17:00 – 17:40	INVITED - Reconfigurable Metasurfaces and Beam-steered Metantennas for Millimetre-wave and Sub-THz Communications Alexandros Feresidis, University of Birmingham, UK



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