



Marina Forum on Metantennas and Reconfigurable Antennas

21-24 March 2027, Orchard Hotel, Singapore

www.marinaforum.org



Call for Papers and Participation

The 7th Marina Forum (Mar-For 2027) on Metantennas and Reconfigurable Antennas will be held on **21-24 March 2027** at **Orchard Hotel** in Singapore. This event is organized by IEEE Singapore RFID Chapter and sponsored by academic and professional organizations as well as companies. The program of Mar-For 2027 will continuously offer high-quality technical talks and panel discussion by renowned keynote, invited speakers, researchers, and talented students from all over the world. It aims to provide a broad forum of exchange for both academia and industry alike, for fostering collaboration between them. The forum will cover a wide range of topics related to but not limited to

1. Metamaterials, metasurfaces, metantenna technologies and fundamentals.
2. Reconfigurable antennas include, but are not limited to, frequency-reconfigurable, pattern-reconfigurable, polarization-reconfigurable, and compound reconfigurable antennas, achieved through mechanisms such as electrical switching (PIN diodes, RF MEMS, varactors), optical switching, mechanical reconfiguration, or tunable smart materials (liquid crystals, ferrites, metamaterials/metasurfaces).
3. Machine learning enabled methods for metamaterials and reconfigurable antennas.
4. Modeling and optimization algorithms for metamaterials and reconfigurable antennas, and relevant applications.

The forum is open to the submission of one-page summary, and accepted summaries will be presented on site. The extended summaries will be published in conference proceedings on conference website after the conference.

The forum continues the Student Sessions including the Student Paper Contest (SPC) and Student Interactive Forum (SIF) as a tradition. The students who have worked on relevant topics from fundamental research to engineering applications are welcome to participate. More information can be found on the next page.

Important Dates:

One-page Summary Submission:	8 January 2027
Student Paper Contest Submission:	8 January 2027
Student Interactive Forum Submission:	15 January 2027
Early Bird and Author Registration:	29 January 2027

Organizing Committee

General Chair: Zhi Ning CHEN

National University of Singapore

General Co-Chair: Xianming QING,

Institute of Advanced Intelligence and Computing

Technical Program Co-Chairs: En-Xiao LIU,

Terence Shie Ping SEE, Xinyi TANG

Institute of Advanced Intelligence and Computing

Finance Chair: En-Xiao LIU

Logistics Chair: Terence Shie Ping SEE

Student Session Chair: Xinyi TANG

Contact Person: Dr. Xinyi TANG (tang_xinyi@nus.edu.sg)

Organizer:



Technical Sponsors:



Advanced Research and
Technology Innovation Centre
Faculty of Engineering



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One-Page Summary Submission

1. The submission will be double-column and one-page, up to **TWO** figures can be included in the summary. The template is available on the website.
2. All summaries will be reviewed. Only accepted summaries will be presented on-site and extended versions will be published in conference proceedings on the website.
3. The deadline for submission is **8 January 2027**, Singapore Standard Time (SST). Kindly submit a [softcopy of the paper \(pdf\)](#) to **Dr. Xinyi TANG** at tang_xinyi@a-star.edu.sg with the subject of "Marina Forum Summary – (Author's Name)". The copyright form will be available at www.marinaforum.org.

Student Paper Contest

1. All students who have published papers in prestigious international journals (from 1 January 2023 to 31 December 2026) on the topics of theory and applications of metamaterial-based antennas, reconfigurable antennas, machine learning enabled methods for antenna modelling/optimization/synthesis, and relevant applications are eligible to participate in the Student Paper Contest.
2. The papers must have **NOT** been submitted to the Student Paper Contest at Mar-For before.
3. The student must be the first author of the paper and a full-time student at the time of submission for the publications in the journals.
4. Only **ONE** submission per student is allowed.
5. The deadline for submission is **8 January 2027**, Singapore Standard Time (SST). Kindly submit a [softcopy of the paper](#) and [the completed application form](#) to **Dr. Xinyi TANG** at tang_xinyi@a-star.edu.sg with the email subject of "Marina Forum SPC – (Student's Name)". The application form can be downloaded from the website at www.marinaforum.org.
6. The Award Committee will review and shortlist the finalists. The finalists will be requested to make [either virtual or physical](#) presentations on their work during the Forum.
7. The winners will be decided based on the quality of both the paper and presentation.
8. Award winner of the Student Paper Contest will be issued a certificate and monetary prize.

Student Interactive Forum

The Mar-For 2027 offers the platform for the students to showcase their research outcomes. Students who are working in the areas of metamaterial antenna, reconfigurable antennas, and machine learning enabled methods of modelling/optimization/synthesis of antennas/electromagnetic devices, are invited to submit **TWO** slides at a template downloaded from the website at www.marinaforum.org. Shortlisted students would be invited to present for 5 minutes during the Forum.

The deadline for submission is **15 January 2027**, Singapore Standard Time (SST). Kindly submit the [softcopy of the slides](#) to **Dr. Xinyi TANG** at tang_xinyi@a-star.edu.sg with the email subject of "Marina Forum Student Interactive Forum – (Student's Name)".