



MTT Space Night

Tuesday, January 18th, 6 p.m.

Room: Pompeian II

IEEE Radio & Wireless Week, Space Hardware and Radio Conference,
16th – 19th January 2022, Las Vegas, Nevada, USA

Join us for this premier event to launch the Space-Hardware and Radio Conference (SHaRC) 2022 within IEEE Radio Wireless Week! In a relaxed evening atmosphere accompanied by complimentary beverages, we would like to bring together the MTT-S space community and anyone who is interested to welcome you to SHaRC and introduce the formation of a society-wide IEEE future direction project on low-earth-orbit satellites. Two exciting keynote presentations will introduce you to next-generation developments in the field of satellite communications. Finally, the progress of the exciting MTT-Sat challenge will be presented and the Phase-III award winners will be selected. Looking forward to seeing you at MTT Space Night!

Organizers

Markus Gardill
*SHaRC Co-Chair,
Brandenburg University of
Technology*

Maximilian Scardelletti
*SHaRC Co-Chair,
NASA GRC*

Program Overview

- 18:00 – 18:05: SHaRC Welcome Message
- 18:05 – 18:10: IEEE LEO SatS Future Directions Small Project
- 18:10 – 18:45: Keynote Talk - Marie Piasecki
- 18:45 – 19:20: Keynote Talk - Tumay Kanar
- 19:20 – 20:00: MTT-Sat Challenge Status and Awards

Keynote Speakers



MARIE PIASECKI
NASA Glenn Research Center (GRC)
*Talk Title: „Development and Ground Demonstration of a
Satellite Communication Terminal for Future Space Missions“*



TUMAY KANAR
Senior Manager, mm-Wave IC Design, Renesas Electronics
*Talk Title: „Enabling Integrated Circuit Technologies for Next
Generation Satcom Internet Connectivity“*

