Best Conference Papers

First prize:

Title: **High Speed and Resilient Wireless Interconnects in the Near Field**

Authors: Mauro Ettorre and David Gonzalez Ovejero

Second prize:

Title: **Wireless Channel-adaptive Sensor-integrated Reconfigurable Intelligent Surface based on Deep Neural Network**

Authors: Myeonggin Hwang, Youngno Youn, Cheonga Lee, Daehyeon Kim, Donggeun An, and Wonbin Hong

Third prize:

Title: **Low-cost Transmit-array (TA) Antenna Prototype at Ka-band Combining Low Profile and Mechanical Wide-Angle Beam Scanning**

Authors: Sergio Matos, Álvaro F. Vaquero, Manuel Arrebola, Jorge R. Costa, Joao M. Felicio, Carlos A. Fernandes, Nelson Fonseca

Best Student Papers

First prize (Sponsored by *Sensors*):

Title: **mmWave Mobile Devices with Reconfigurable Broadside and Endfire Radiation using Shared Aperture Antenna-on-Display and Antenna-in-Package**

Authors: Bumhyun Kim, Dongseop Lee, and Wonbin Hong

Second prize:

Title: **Human-Aware Beamforming Method Based on Electromagnetic Field Strength Estimation**

Authors: Haruki Yamamoto, Kyoshiro Muramatsu, Kentaro Murata, and Naoki Honma

Third prize:

Title: **Low-Cost Metagratings for Efficient Anomalous Reflection**

Authors: Oz Diker and Ariel Epstein