

Shortlisted Best Student Papers

- **Low-Cost Metagratings for efficient anomalous reflection.**

Authors: Oz Diker, and Ariel Epstein

- **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

- **Millimeter wave dielectric resonator antenna for off-body communications with grooved GP.**

Authors: Tarek Abdou, and Salam Khamas

- **Balanced duplex filtering dielectric resonator antenna with high isolation performance.**

Authors: Hongliang Tian, Haiwen Liu, and Mo Huang

- **Convex body-surface curvature influence on the on-body path gain – a numerical investigation.**

Authors: Jonas Ørnskov Nielsen, Søren Helstrup Kvist, and Kaj Bjarne Jakobsen

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

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

- **Multi-Objective Optimization for Efficient End-Fire Superdirective Array Design.**

Authors: Abdellah Touhami, Sylvain Collardey, and Ala Sharaiha

- **A Compact Hybrid Liquid Antenna for Wi-Fi Applications.**

Authors: Viswanadh Raviteja, Yi Huang, Hanyang Wang, Yu Chan Yang, and Elliot Bennett

Shortlisted Best Conference Papers

- **Robust On-Body Antenna Based on Discretized Planar Surfaces.**

Authors: Riku Kormilainen, Konsta Langi, Anu Lehtovuori, and Ville Viikari

- **High Speed and Resilient Wireless Interconnects in the Near field.**

Authors: Mauro Ettore, and David Gonzalez Ovejero

- **Antenna System Requirements and Challenges towards 6G – an Industrial View.**

Authors: Ingmar Andersson, Lars Manholm, Astrid Algaba Brazalez, and Parisa Aghdam

- **Applications of Artificial Dielectric Layers for mm-Wave Antennas.**

Authors: Daniele Cavallo

- **Filtering Metasurface Lens for Chip-to-Chip Communications in Multicore Multichip Systems.**

Authors: Hossein Sarbandi Farahani, Behrooz Rezaee, and Wolfgang Bosch

- **Large-Aperture Cavity-Excited Metagrating Antennas for Dynamic Beam Switching.**

Authors: Fengming Hu, and Ariel Epstein

- **Conformal Array Design Using Hybrid Synthesis Method with a Fast Radiation Pattern Calculation.**

Authors: Yuanyan Su, Icaro Soares, Denys Nikolayev, and Anja Skrivervik

- **Low-Cost Transmit-array Antenna Prototype at Ka-band Combining Low Profile and Mechanical Wide-Angle Beam Scanning.**

Authors: S. A. Matos, M. Arrebola, C. A. Fernandes, A. F. Vaquero, J. Felicio, N. J. G. Fonseca, and J. R. Costa

- **Liquid-Dielectric-Based Patch Antenna with Polarization and Frequency Reconfiguration.**

Authors: Guangwei Yang, and Dimitra Psychogiou

- **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