

W-I Wireless Body COMMUNICATIONS in Medicine (WIBCOMM)

Time	EDAS Number	Title	Authors with Affiliations
9.00			
10.30 - 11.00: coffee			
12.30 - 14.00: lunch			
14.00-14.18	Keynote	A CSP for 3D Imaging of Inside the Small Intestine in Vivo	Kaveh Pahlavan, Worcester Polytechnic Institute, US
14.19-14.36	1570462966	Experimental Phantom-Based Evaluation of Physical Layer Security for Future Leadless Cardiac Pacemaker	Muhammad Faheem Awan (Norwegian University of Science and Technology, Norway); Sofia Perez-Simbor (Universitat Politècnica de València, Spain); Concepcion Garcia-Pardo (Universitat Politècnica de València & Institute of Telecommunications and Multimedia Applications (ITEAM), Spain); Kimmo Kansanen (Norwegian University of Science and Technology, Norway); Pritam Bose (University of Oslo, Norway); Sergio Castelló-Palacios (Universitat Politècnica de València, Spain); Narcis Cardona (The Polytechnic University of Valencia, Spain)
14.37-14.55	1570460060	Impact of Receivers Location on the Accuracy of Capsule Endoscope Localization	Martina Barbi (Instituto de Telecomunicaciones y Aplicaciones Multimedia (iTEAM), Spain); Concepcion Garcia-Pardo (Universitat Politècnica de València & Institute of Telecommunications and Multimedia Applications (ITEAM), Spain); Narcis Cardona (The Polytechnic University of Valencia, Spain); Andrea Nevarez, Vicente Pons and Matteo Frasson (Hospital Universitari i Politècnic La Fe, Spain)
14.56-15.13	1570463144	A Study of Capsule Endoscopy Orientation Estimation Using Received Signal Strength	Katjana Krhac (University of Zagreb, Croatia); Kamran Sayrafian (NIST, USA); Mehdi Alasti (Adgen Telecom Group, USA); Kamyra Yekeh Yazdandoost (Aalto University & University of Oulu, Finland); Dina Simunic (University of Zagreb, Croatia)
15.13-15.30	Keynote	Testbed design for secure BAN IoT	Julang Ying, Worcester Polytechnic Institute, US
15.30 - 16.00: coffee			
16.00-16.18	Keynote	Kinetic-Based Energy Harvesting for Body Area Networks	Kamran Sayrafian, National Institute of Standards and Technology, US
16.19-16.36	1570458574	An Ultrawideband Conformal Antenna at 433 MHz for Wireless Capsule Endoscope of Pediatric Patients	Md Miah and Clemens Icheln (Aalto University & School of Electrical Engineering, Finland); Mazidul Islam and Katsuyuki Haneda (Aalto University, Finland)
16.37-16.54	1570463223	Wideband Textile Antenna for Monitoring Neurodegenerative Diseases	Imran Saied (University of Edinburgh, United Kingdom (Great Britain)); Tughrul Arslan (The University of Edinburgh, United Kingdom (Great Britain))
16.55-17.13	1570462438	Ka-band Flexible Koch Fractal Antenna with Defected Ground Structure for 5G Wearable and Conformal Applications	Syeda Fizzah Jilani and Ahmed K Aziz (Queen Mary University of London, United Kingdom (Great Britain)); Qammer H Abbasi (University of Glasgow, United Kingdom (Great Britain)); Akram Alomainy (Queen Mary University of London, United Kingdom (Great Britain))
17.13-17.30	1570460057	Variability of the Dielectric Properties Due to Tissue Heterogeneity and Its Influence on the Development of EM Phantoms	Alejandro Fornes-Leal (Institute of Telecommunications and Multimedia Applications, Spain); Concepcion Garcia-Pardo (Universitat Politècnica de València & Institute of Telecommunications and Multimedia Applications (ITEAM), Spain); Matteo Frasson and Andrea Nevarez (Hospital Universitari i Politècnic La Fe, Spain); Sergio Castelló-Palacios (Universitat Politècnica de València, Spain); Vicente Pons (Hospital Universitari i Politècnic La Fe, Spain); Narcis Cardona (The Polytechnic University of Valencia, Spain)
17.30			