Track 1: Microwave Techniques, Antennas & Radar Systems
Special B.1: Adaptive Antenna Arrays and Smart Antennas

August 26, 2021

Moderator: Victor Djigan

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Time	EasyChair #	Speaker	Organization, Country	Topic
14:30 - 14:45	155	Volodymyr Pavlikov	National Aerospace University "Kharkiv aviation institut", Ukraine	Development of Broadband Criterion for Spatially Distributed Radio Systems Synthesis
15:00 - 15:15	141	Petro Vorotyntsev	Igor Sikorsky Kyiv Polytechnic Institute, Ukraine	Satellite Image Segmentation Using Deep Learning for Deforestation Detection
15:15 - 15:30	80	Oleksandr Kutsenko	National Aviation University, Ukraine	Simulation of Four- Directional Spoofing Suppression with Five-Element Antenna Array
15:30 - 15:45	121	Igor Tovkach	Igor Sikorsky Kyiv Polytechnic Institute, Ukraine	Analysis Of Influence Of Number Of Sensors On Accuracy Of Radio Source Position Determination Based On TDOA-, RSS- And AOA- Measurements
15:45 - 16:00	136	Ihor Lazarovych	Vasyl Stefanyk Precarpathian National University, Ukraine	Software Implemented Enhanced Efficiency BPSK Demodulator Based on Perceptron Model with Randomization
16:00 - 16:15	14	Victor Djigan	Academia of Applied Radioelectronics Sciences, Kharkiv, Ukraine	Adaptive Arrays Based on Real-Valued Arithmetic Linearly-Constrained IQRD RLS Adaptive Filtering Algorithms
16:15 - 16:30	15	Victor Djigan	Academia of Applied Radioelectronics Sciences, Kharkiv, Ukraine	Simple Algorithms for Antenna Array Calibration and Their Accuracy
16:30 - 16:45	16	Victor Djigan	Academia of Applied Radioelectronics Sciences, Kharkiv, Ukraine	Application of Affine Projection Algorithm in Adaptive Arrays