Naslov: “Characteristics and evolution of modern Radio Access Networks”

Sadržaj:

The presentation will describe the most important functionalities of state-of-the-art Baseband and Radio platforms within Radio Access Networks systems, emphasizing the evolution of radio products and radio fronthaul topologies. The special focus will be put on features that enable 5G journey in its full capacity: ESS - Ericsson Spectrum Sharing, Carrier Aggregation, MMIMO and beamforming, Switched Fronthaul, GNSS in Radio Networks.

Životopis:

Zlatko Živković was born on 27th of August 1984. in Rijeka, Croatia. He received his MSc. degree in electrical engineering at the Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split in 2007, after defending master thesis entitled “Measurements of broadband radio-channel in microwave region”, under the mentorship of Zoran Blazevic PhD and Maja Skiljo, PhD.

In 2008 he was employed as a research assistant on project “EMC measurement methods and EM health effectresearch” at the Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Chair for Applied EM Fields, under the mentorship of Antonio Šarolić, PhD. He received his PhD diploma in 2014 after defending PhD thesis with title: “Neurophysiologic electrostimulation effect and measurement of electromagnetic field havingarbitrary waveform”.

In 2016. he was employed by Ericsson Nikola Tesla company, R&D section, working in SW development for modern radio fronthaul components. Today, he is a technical leader of 5 teams with focus on development of state-of-the art Baseband and Radio platforms within radio access networks.