



Room D  
17:00

**Thursday, June 26**

**Poster session – PO1**  
**TELECOMMUNICATIONS**  
**SYSTEMS AND TECHNOLOGY**

Chairmen

**Z. Nikolić,**  
*University of Niš, Serbia*  
**L. Jordanova,**  
*Technical University of Sofia, Bulgaria*  
**Z. Perić,**  
*University of Niš, Serbia*

- PO1.1 Pilot signals processing module**  
O. Panagiev  
*Technical University of Sofia, Bulgaria*
- PO1.2 Comparative analysis of VoIP protocols used in CATV networks**  
L. Jordanova, J. Nenkov  
*Technical University of Sofia, Bulgaria*
- PO1.3 Location Based Services: Architecture, Mapping, Transportation GIS**  
A. Samčović, Z. Bojković  
*The Faculty of Traffic and Transport Engineering, Serbia*
- PO1.4 Characteristics of Low-Voltage Installations as Transport Medium in Office Buildings**  
J. Mandić-Lukić, D. Pokorni, N. Simić\*  
*Energoprojekt – Entel, Serbia*  
*\*University of Belgrade, Serbia*
- PO1.5 Initial direction of arrival estimation for Direction Lock Loop in DS/CDMA**  
N. Denić, N. Milošević\*, Z. Nikolić\*  
*Serbian Armed Forces, Serbia*  
*\*University of Niš, Serbia*
- PO1.6 A Priority Traffic Models in Wideband Mobile Networks**  
S. Mirchev, G. Balabanov  
*Technical University of Sofia, Bulgaria*
- PO1.7 Application of wireless sensor networks in environmental monitoring and agriculture**  
N. Rendevski, V. Manevska, E. Vlahu-Georgievskaa, B. Ristevski  
*University "St. Kliment Ohridski"-Bitola, Macedonia*
- PO1.8 Evaluation of Frequency Hopping Spread Spectrum Signals Stability Against Impulse Disturbances**  
G. Cherneva, A. Andonov  
*Higher School of Transport "T.Kableshkov", Bulgaria*
- PO1.9 A Method of Generating Non-Uniform Square QAM by Using Non-Linear Amplification**  
D. Bojchev, D. Dobrev  
*Technical University of Sofia, Bulgaria*

- PO1.10 Analysis of the opportunities for reduction of Inter-carrier Interference in OFDM**  
S. Kolev  
*Technical University of Sofia, Bulgaria*
- PO1.11 Analysis of triple SC over constant correlated Rayleigh signal and interference based on signal to interference ratio**  
M. Stefanović, S. Panić, A. Mosić, S. Jovković  
*University of Niš, Serbia*
- PO1.12 Analysis of the SISO decoding algorithms**  
G. Hristov  
*University of Rousse, Bulgaria*
- PO1.13 Analysis of model of switched nonuniform scalar quantization model of Laplacean source in a dynamic range of power**  
Z. Perić, S. Panić, A. Mosić  
*University of Niš, Serbia*
- PO1.14 Reduction of correction in Barrett's algorithm**  
P. Stojanov, R. Dimova  
*Technical University of Sofia, Bulgaria*
- PO1.15 Level Crossing Rate of the SSC Combiner Output Signal in the Presence of Log-normal Fading**  
D. Krstić, P. Nikolić\*, D. Stefanović, I. Temelkovski  
*University of Niš, Serbia*  
*\*Tigar Tyres, Serbia*
- PO1.16 Outage Probability of SIR-Based Dual EGC Diversity Over Correlated Rayleigh Fading Channel**  
J. Anastasov, A. Cvetković, D. Stefanović  
*University of Niš, Serbia*
- PO1.17 Recovering Optical Image Transferred Through Atmospheric Turbulence. Wavelength analysis**  
K. Dimitrov  
*Technical University of Sofia, Bulgaria*
- PO1.18 The Research Results of Capacity Converter with Voltage Negative Impedance Converter**  
V. Draganov, Z. Stanchev, I. Tanchev  
*Technical University of Varna, Bulgaria*
- PO1.19 Investigation into Non-Recursive Digital Filter in Correlated Jamming Environment**  
B. Najdenov  
*Technical University of Varna, Bulgaria*
- PO1.20 Noise Modeling and Simulation for BJTS at Low Frequencies**  
P. Petrova, D. Petrov  
*Technical University of Gabrovo, Bulgaria*
- PO1.21 Computation of Capacitance of Circular Conductors**  
S. Musa, M. Sadiku  
*Prairie View A&M University, USA*

**19:00** End of session