

Track 6: Systems Analysis, Reliability, Computer Science & Communications

Moderator: Iryna Ivashenko

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August 26, 2021

Time	EasyChair #	Speaker	Organization, Country	Topic
14:30 - 14:45	78	Galyna Prytula	O.Y.Usikov Institute for Radiophysics and Electronics NASU, Ukraine	Two-point probability functions and correlation properties of the generalized additive high-order Markov chains
15:00 - 15:15	17	Oleksandra Dudka	Kharkiv National University of Radio Electronics, Ukraine	Estimation of the bandwidth of the communication channel of 5G networks based on small cells
15:15 - 15:30	18	Hanna Antoniuk	Vinnytsia National Technical University, Ukraine	Improving the information security of modern telecommunications networks
15:30 - 15:45	25	Maksym Zaliskyi	National Aviation University, Ukraine	Substantiation of Probability Characteristics for Efficiency Analysis in the Process of Radio Equipment Diagnostics
15:45 - 16:00	99	Tetyana Honcharenko	Kyiv National University of Construction and Architecture, Ukraine	Mathematical Modeling of Online Transaction Processing System for Design of Building Territory
16:00 - 16:15	131	Olga Averianova	Igor Sikorsky Kyiv Polytechnic Institute, Ukraine	Pagination And Its Efficient Methods For RESTful Web Services
16:15 - 16:30		Break		
16:30 - 16:45	127	Ievgen Sidenko	Petro Mohyla Black Sea National University, Ukraine	Diagnosis of Lung Disease Based on Medical Images Using Artificial Neural Networks
16:45 - 17:00	5	Oleksandr Khoshaba	Institute of Mathematical Machines and Systems Problems of the NASU, Ukraine	Modeling the process of loading impact on web servers in computer systems
17:00 - 17:15	153	Alexandr Kuznetsov	V. N. Karazin Kharkiv National University, Ukraine	Software Implementation of Data Hiding in Vector Images
17:15 - 17:30	96	Oleh Vietrov	Vasyl' Stus Donetsk National University, Ukraine	Study of the Convergence of Muller's Sequence Computer Calculations
17:30 - 17:45	100	Valeriy Hlukhov	Lviv Polytechnic National University, Ukraine	Modular multiplier for digital quantum coprocessor