

**List of papers awarded with
the Crystal Prize
THE BEST PAPER
of the PROGRAM COMMITTEE of CompSysTech'19**

PLENARY SESSION

IVAN DIMOV

How close we are to the real Quantum Computer?

Efficient Monte Carlo algorithms for Wigner Monte Carlo Method

AVRAM ESKENAZI

IT impact on the labor market –

professions to disappear and new ones to emerge

ROMAN ZAHARIEV

Nina Valchkova, George Angelov,

Robots for Help of Pedagogy and Rehabilitation with disabilities

Session A

Grisha Spasov

Internet of Things – Models and Basic Algorithms

Todor Tagarev and Dimitrina Polimirova

Main Considerations in Elaborating Organizational Information Security Policies

Session B

Cesare Fabio Valenti

A genetic approach to the maximum common subgraph problem

Anton Hristov, Maria Nisheva and Dimo Dimov

Filters in Convolutional Neural Networks as Independent Detectors of Visual Concepts

Session C

Todor Tagarev, George Sharkov

Computationally Intensive Tasks in Designing and Operating Distributed Cyber Secure and Resilient Systems

Samuli Laato, Tarja Pietarinen, Sampsa Rauti and Teemu Laine

Analysis of the Quality of Points of Interests in the Most Popular Location-based Games

Session D

Domenico Tegolo, Giuseppe Raso, Riccardo Di Palermo and Donato Cascio

A Wavelet approach to extract main features from indirect immunofluorescence images

Evgeniya Gospodinova

Time Series Analysis Using Fractal and Multifractal Methods

Session E

Marco Alfano, Biagio Lenzitti, Davide Taibi and Markus Helfert

Provision of Tailored Health Information for Patient Empowerment: An Initial Study

Kiril Alexiev, Teodor Toshkov and Peter Dojnov

Enhancing Accuracy and Precision of eye tracker by head movement compensation and calibration

Session F

Krasimira Stoilova, Todor Stoilov and Miroslav Vladimirov

Assessment of Black Litterman portfolio optimization on Bulgarian Stock Exchange

Dessislava Petrova-Antonova, Iva Krasteva

Sylvia Ilieva and Irena Pavlova, Conceptual Architecture of GATE Big Data Platform

Session G

Elitsa Peltekova, Eliza Stefanova and Nikolina Nikolova

Space Safari – Challenge for STEM Rangers

Aleksandra Klašnja-Milićević, Nevena Ranković and Mirjana Ivanović

Integration Of „Business Intelligence“ Course To Master Academic Studies In Informatics

Session H

Pavel Boytchev and Svetla Boytcheva

Innovative eLearning Technologies in the Open Education Era

Session I

Mariya Kirilova, Syuzan Feimova

3D Educational game for learning notes „3D MuSic“