

**ISGT 2021 OPENING SESSION
MAY 28TH, 2021 (13:00-13:30)**

[Welcome Speeches](#)

May 28, 13:30 - 16:00 (GMT+3; UTC+3)

[Session 1: Main Track](#)

Session Chair: **Prof. M. Nisheva**

Ethical design for trustworthy solutions: an introduction to the course

Performing Computer Science Examinations in a Fully Online Environment

Students' Attitudes toward Personal and Learning Data Usage in Aptitude Project
Learner Taxonomy

iRobot Robots for Education

Use of Open Data for Social Sciences

Analytical Optimization of the Process of Adoption of Innovations in the IT Sector:
What is the Right Time to Invest in IT Equipment?

May 28, 16:30 - 19:00 (GMT+3; UTC+3)

SESSION 2.1: eHEALTH Session Chair: Prof. K. Kaloyanova	SESSION 2.2: 3RD WORKSHOP ON INFORMATION SECURITY Session Chair: Prof. V. Dimitrov
Comparison of the Effectiveness of Various Algorithms on a Recommendation System	Extended Security Analysis of the Zaslavsky Maps Based Pseudorandom Byte Generator
Medical students' views on m-health applications and devices	Supplier Cybersecurity Risk Assessment Methodology
Medical Causation in Defining Emotions	Classification of Software Security Tools
Implementation of an ontology-based decision support system for dietary recommendations for diabetes mellitus	Adapted SANS Cybersecurity Policies for NIST Cybersecurity Framework
Addressing Data Quality in Healthcare	CPE Ontology

May 29, 9:30 – 11:00 (GMT+3; UTC+3)

<u>SESSION 3.1: UNITE – MODELS AND METHODS</u> Session Chair: Prof. M. Nisheva	<u>SESSION 3.2: 3RD WORKSHOP ON INFORMATION SECURITY</u> Session Chair: Prof. M. Petrov
The Right to Erasure and its Implication on AAL Systems	Android Password Managers and Vault Applications: An Investigation on Data Remanence in Main Memory
Semantic Interoperability Issues in the Master’s Curriculum in AI at Sofia University	Hybrid Exercising for Cyber-Resilient Healthcare and Cross-Sector Crisis Response Operability
R&D ecosystems success factors	Building an Ontology for CWE From the Point Of View of an Architectural Concept
Prototyping Data Management Model and Tasks	CPE Ontology Generator

May 29, 11:30 - 13:30 (GMT+3; UTC+3)

<u>SESSION 4.1: eHEALTH</u> Session Chair: Prof. S. Savoska	<u>SESSION 4.2 Main Track</u> Session Chair: Prof. V. Georgiev
Model of Integration of Healthcare Data using the concepts of EHR and PHR in the Era of IoT	Applications of Unit Tests in Computer Science and Software Engineering Education
Implementation of Cloud-Based Personal Health Record Integrated with IoMT	On the efficient parallel computing of long term reliable trajectories for the Lorenz system
Blockchain in the Logistics of Health Technologies	Testing Robotic Systems: Case Study
Using Machine Learning to Predict Bone Mineral Density from Dual-energy X-ray Absorptiometry Images of the Lumbar Spine	Introducing software quality maturity models in software engineering education and small organizations
Environmental Data as Exposome and Opportunity of Combining with Cloud-Based Personal Health Records	Marketing Case: Effect of Advertising and Quality of the Goods on the Amount of Sales

ISGT 2021 CLOSING SESSION MAY 29TH, 2021 (13:30-14:00)
Discussion