



INTERNATIONAL FORUM ON ADVANCED ICT RESEARCH AND INNOVATION

29.09-1.10.2025, Sofia Tech Park, Incubator, The Venue Hall, Sofia, Bulgaria

Preliminary Programme¹

29.09.2025

9:30 – 17:30 Registration

10:00 – 10:30 Morning coffee

10:30 – 11:00 Event Opening and Congratulatory Addresses

Prof. Dr. Kostadin Kostadinov, Chair of the Science and Innovation Council on Information and Communication Technologies, Opening Speech

11:00 – 12:30 Conference Session: Invited lectures

Stela Tkatchova (European Commission, Belgium) (TBC)

Stein-Arne Riis (Upkip, Norway), AI Energy Optimization Using Industry 4.0 Technologies

Prof. Dr. Dimitar Velez (University of National and World Economy, Bulgaria), Quantum Computing - The Next Frontier for Research and Innovation

¹ *The International Forum on Advanced ICT Research and Innovation is organized by the Science and Innovation Council on Information and Communication Technologies, and Bulgarian Academy of Sciences under Investment C2.I2 “Increasing the innovation capacity of the Bulgarian Academy of Sciences in the field of green and digital technologies”, National Recovery and Sustainability Plan*



Финансирано от
Европейския съюз
NextGenerationEU

12:30 – 14:00 Lunch break

14:00 – 15:00 Conference Session: Invited lectures

Dr. Nektarios Moumoutzis (Technical University of Crete, Greece),
Transforming Learning Environments through Digital Innovation

Prof. DSc. Peter Stanchev (Kettering University, USA), Building the Innovative
and Entrepreneurial University

15:00 – 16:00 Conference Session

Detelin Luchev, Maxim Goynov, Innovative Software Platform for Serious
Educational Games with Creative Visualization to Build Competence and
Responsible Management of Natural Resources (ProNature)

Ivaylo Parvanov, A Novel Method for 3D Digitization and Analysis of Motor
Cultural Practices

Discussion

16:00 – 16:30 Coffee break

16:30 – 17:30 Conference Session

Todor Branzov, iPRO: Capturing the Patient's Voice

Denis Chikurtev, Modular Hybrid System for Eco-charging of Electric Vehicles

Discussion

18:00 – 20:00 Welcome Cocktail

30.09.2025

10:00 – 16:30 Registration

10:00 – 11:00 Conference Session: Invited lectures

Prof. Dr. Milena Stanislavova (University of Alabama at Birmingham, USA),
(TBC)

Dr. Shailesh Upreti (iM3NY & President, C4V LLC, USA) (TBC)

11:00 – 11:30 Coffee break

11:30 – 12:30 Conference Session

Stoyan Poryazov, Ivan Ganchev, Advances in ‘PREDICATES’: Predicting the Quality of Service in Cyber-Physical-Social Systems

Victoria Lazova, Kiril Simov, Ivan Lirkov, The Bulgarian Online Encyclopedia Project. The Bulgarian Online Encyclopaedia: Reality and Future. The Systematized Scientific Knowledge about the World and Bulgaria are Going Online

Discussion

12:30 – 14:00 Lunch break

14:00 – 15:30 Conference Session: Invited lectures

Dinko Rusev (Bosch, Germany) (TBC)

Daniela Dobрева-Nielsen (Bogdan Orbit, Germany), Irina Gancheva (Wiser), Kalin Iliev (Wiser) (TBC)

Prof. Dr. Vassil Dimitrov (University of Calgary, Canada), Data Formats for Efficient Machine Learning Computations

15:30 – 16:00 Conference Session

Yordan Marinov, Development of Photonic Sensor Effects at the Interface Solid Surface/Bionanocomposite for Detection and Control of Biogenic Impacts

Discussion

16:00 – 16:30 Coffee break

01.10.2025

10:00 – 16:00 Registration

10:00 – 11:00 Conference Session: Invited lectures

Prof. Dr. Kai Rannenberg (Goethe University Frankfurt, Germany) (TBC)

Iliyana Madina (Fraunhofer Institute for Systems and Innovation Research ISI, Germany), Crowd-based Instruments, e.g. Crowdsourcing and Crowdfunding, for Open Innovation

11:00 – 11:30 Coffee break

11:30 – 12:30 Conference Session

Ivanka Tsakovska, Development of a Web-based Platform for in silico Assessment of Toxic Effects of Chemicals on Human Health and the Environment

Anika Alexandrova-Watanabe, Tihomir Tiankov, Development of a Pathologic Pregnancy Database for Retrieval of New Knowledge for Diagnostic Markers Identification

Discussion

12:30 – 14:00 Lunch break

14:00 – 15:30 Conference Session

Dencho Spassov, Air Pollution Detection Sensor

Svetla Koeva, Infrastructure for Fine-tuning Pre-trained Large Language Models

Discussion

15:30 – 16:00 Closing Ceremony

16:00 – 16:30 Coffee break