

PROGRAM (Chair: Vladimir Srdanovic, MISANU, Beograd)

1. Vladimir Srdanović, MISANU, Beograd - "Artificial intelligence: The first seven decades"
2. Božidar Levi, former associate of the Institute Mihailo Pupin, Belgrade, Professor, New York University, USA - "Real-time microcomputing: The first seven decades"
3. Tatjana Stojanović, UKG, Kragujevac, - "Combining logic and optimization for applications in probabilistic and non-monotonous reasoning"
4. Mladen Nikolić, MATF, Beograd, Andrija Petrovic, Singidunum, Beograd - "Fairness in machine learning: Why and How?"
5. Filip Marić, MATF, Beograd - "Applying AI methods in automated theorem proving for software verification"
6. Saša Malkov, MATF, Beograd - "Using efficient programming to create efficient programs: Combining easily parallelizable languages with efficient C/C++/ASM libraries"
7. Nenad Mitić, Aleksandar Veljković, Mirjana Maljković, Saša Malkov, Minjie Lyu, Xin Lin, Marek Michalewicz, Guanglan Zhang, Vladimir Brusić MATF, Beograd - "Applying the big data analytics in bioinformatics: A practical example"
8. Dragan Vukmirović, Zeljko Bolbotinovic, Tijana Comic, Nebojsa Stanojevic, FON, Beograd - "HR analytics: The Serbian perspective"
9. Miroslav Bojović, Dragan Bojić, Nenad Korolija, ETF, Beograd, Veljko Milutinović, gostujući profesor UKG, gostujući profesor FON, Beograd, adjunct professor Indiana University, Bloomington, IND, USA, a 2021/2022 visiting scientist, Purdue University, IND, USA - "Hybrid medical records system for artificial intelligence: Essence and Challenges"
10. Aleksandar Nešković, Nataša Nešković, ETF, Beograd, - "Artificial intelligence for mobile network design and planning"
11. Boško Nikolić, Dražen Drašković, Vuk Batanović, ETF, Beograd - "Natural languages and programming languages: A case study"
12. Nikola Aleksić, Ema Pajić, Predrag Obradović, William Power, Marko Mišić and Zoran Obradović, ETF, Beograd and Temple, Philadelphia, PA, USA, "Modelling subreddit interactions by activity overlap"
13. Jovan Popović, Vladislav Jelisavčić, Nenad Korolija, ETF, Beograd, - "Hybrid supercomputing architectures for artificial intelligence: Analysis of potentials"
14. Miloš Kotlar, ETF, Beograd - "Detekcija anomalija korišćenjem meta podataka u automatizovanim sistemima za mašinsko učenje."
15. Zoran Babović, University of Kragujevac and Innovation Center, ETF, Beograd - "Applications of machine learning in query execution of database systems"
16. Zoran Stojadinović, GRF, Beograd - "Compensating the lack of big data in construction industry using expert knowledge: A case study"
17. Filip Đorđević, Svetlana M. Kostić, GRF, Beograd - "Axial strength prediction of square CFST columns based on the ANN model"
18. Miloš Kovačević, Petar Bursać, Branislav Bajat, Milan Kilibarda, RF, Beograd - "Artificial intelligence in agriculture"
19. Vesna Bengin, UNS "The Mission of BioSense Institute, Novi Sad: - "Digital transformation of agriculture"

20. Vlado D. Delić, Darko J. Pekar, Milan S. Sečujski, Branislav Z. Popović, Edvin T. Pakoci, Siniša B. Suzić, FTN and AlfaNum, Novi Sad - "Development of speech technologies for Serbian and applications"
21. Veljko Milutinović, IPSI Belgrade, Serbia, Jakob Salom, IPSI Petah Tikva, Israel, a former associate of the Mihailo Pupin Institute, - "Synergizing artificial intelligence and real-time microcomputing: A summary of selected education-oriented efforts"
22. Mirjana Kranjac, Pokrajinski sekretarijat za privredu i turizam - "Smart specialization strategy of Serbia"
23. Saša Stojanović, Deputy Minister in charge of Digital Agenda, Ministry of Education and Science, Belgrade, Serbia, Danijela Šćepanović, Katarina Aleksić - "Efforts related to teaching infrastructure for AI: From elementary schools to universities"
24. Veljko Milutinović - "Conclusions"