

European Research Group on Artificial Intelligence, EURGAI.
ISCAA'2024- 1st International Scientific Conference on Applied Artificial Intelligence
Final Conference Program

The first EURGAI conference received 22 papers from 33 authors, from 10 countries. Thus, the venue and date of the conference:

Szeged, Hotel Science, Petőfi Sándor sgt. 17, Hungary on May 11, 2024.

For an on-site/on-line (Google Meet) presentations/questions, we will have 15 minutes according to the following schedule:

11⁰⁰: *Opening of the conference, greetings.*

11¹⁵: Jozsef Dombi: **Feasibility Problems Using Fuzzy Membership Functions**
Hungary, dombi@inf.u-szeged.hu, Orcid ID: 0000-0001-9459-912X.

11³⁰: Janos Santa: **Artificial intelligence applied in Enterprise resource planning**
Romania, santajanus@yahoo.com, Orcid ID: 0009-0002-3014-8295

11⁴⁵: Endre Nemeth: **Y-STR classification with gradient boosting**
Hungary, Orcid ID: 0000-0001-6033-4297.

12⁰⁰: Mesaros Gabriel: **Learning Web Development using GitHub Copilot In and Outside Academia: A Blessing or a Curse?**
Serbia, gabrielmesaros013@gmail.com, Orcid ID: 0009-0000-0281-8306.

12¹⁵: Laszlo Berek: **Detecting AI-generated Text: a Review of Current Literature**
Hungary, berek.laszlo@uni-obuda.hu, Orcid ID: 0000-0002-4126-1528

12³⁰: Gyula Mester¹, Bill Gates², Vytautas Turla³: **Achieving CVs Using Artificial Intelligence**
Hungary, drmestergyula@gmail.com, Orcid ID: 0000-0001-7796-2820¹,
United States, bill.gates@gatesfoundation.org, 0000-0003-1689-0557²,
Lithuania, vytautas.turla@gmail.com, Orcid ID: 0000-0002-1599-8761³.

12⁴⁵: Jelena Pisarov¹, Igor Pisarov²: **How to Use Copilot in Excel**
Serbia, jelenapisarov@gmail.com, Orcid ID: 0000-0003-2757-9780¹, igor.pisarov@gmail.com, Orcid ID: 0009-0003-4964-8078²

13⁰⁰: Josip Stepanic¹, Ivana Katavić²: **Importance of Problem Solving in the Age of AI**
Croatia, ¹josip.stepanic@fsb.hr, Orcid ID: 0000-000-30674-9883, University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Zagreb.
² Orcid ID: 0009-0001-5488-9146, Center of Excellence of the Split-Dalmatia County, Split.

13¹⁵: Aleksandar Rodic: **Intelligent interface for objective ranking and performance comparison of anthropomorphic robots**
Serbia, aleksandar.rodic@pupin.rs, Orcid ID: 0000-0002-5595-9724

13³⁰: Siniša Kuzmanović: **Choice of Universal Gearbox Engine Reducers with Artificial Intelligence**
Serbia, s.kuzmanovic@mts.rs, Orcid ID: 0000-0002-4327-3274

13⁴⁵: Oliver Beslic: **The impact of Artificial Intelligence (AI) on the market of real estate and tourist potential - island Brac, Croatia**
Croatia, oliver.beslic@gmail.com, Orcid ID: 0009-0004-3347-5085

14⁰⁰: Radivoje Mitrović¹, Žarko Mišković², Vidosav Majstorović³, **The Application of Artificial Intelligence in mining - intelligent mining**
Serbia, radivojemitrovic@gmail.com, Orcid ID¹: 0000-0003-0513-6540,
zmiskovic@mas.bg.ac.rs, Orcid ID²: 0000-0002-8320-7191,
vmajstorovic@mas.bg.ac.rs, Orcid ID³: 0000-0001-9534-8461

14¹⁵: Imelda Hajas, **The spread and use of Artificial intelligence in the Automotive Industry Today**
Hungary, imeldahajas@hotmail.com, Orcid ID: 0009-0003-3355-5918

14³⁰: Сергій Ковалевський: **Artificial Intelligence as a Driver of Socio-Economic System Transformation**
Ukraine, kovalevskii61@gmail.com, Orcid ID: 0000-0002-4708-4091

14⁴⁵: Dragan Stamenković¹, Vladimir Popović²: **Artificial Intelligence and Sharp Maneuvers of Autonomous Vehicles**
Serbia, ¹dstamenkovic@mas.bg.ac.rs, Orcid ID: 0000-0002-0085-9363, ²vpopovic@mas.bg.ac.rs, Orcid ID: 0000-0003-1836-6345

- 15⁰⁰: Isak Karabegović¹, Predrag Dašić², Domenico Guida³, **The Trend of Modernization and Automation of Production Processes in the Automobile Industry in the Top Five Countries in the World**
¹Academy of Sciences and Arts of Bosnia and Herzegovina, 71000 Sarajevo, Bosnia and Herzegovina, Orcid ID: 0000-0001-9440-4441, isak1910@hotmail.com,
²Engineering Academy of Serbia (IAS), 11000 Belgrade, Serbia, Orcid ID: 0000-0002-9242-274X, dasic.p@gmail.com
³University of Salerno, Via Giovanni Paolo II, 132, 84084 Fisciano, Italy, Orcid ID: 0000-0001-5753-1724, guida@unisa.it
- 15¹⁵: Janos Simon, **IOT and Fuzzy Logic Based Smart Balcony Plant Care System from a Renewable Resources**
Hungary, jonny.simon@gmail.com, Orcid ID: 0000-0003-2870-5718
- 15³⁰: Dragan Saletic: **Graded Logics**
Montenegro, d.z.saletic@gmail.com, Orcid ID: 0000-0002-3135-3859
- 15⁴⁵: Robert Pinter¹, Sanja Maravić Čisar²: **Comparison of Facial Recognition Algorithms**
Serbia, pinter.robert@vts.su.ac.rs, Orcid ID: 0000-0002-1528-4099¹, sanjam@vts.su.ac.rs¹, Orcid ID: 0000-0001-8131-9141²
- 16⁰⁰: Petar Čisar¹, Sanja Maravić Čisar², Attila Pásztor³: **Improving Synchronous Motor Modeling with Artificial Intelligence**, Serbia, Petar Čisar ORCID ID: 0000-0002-8129-288X¹, Orcid ID: 0000-0001-8131-9141², Orcid ID: 0000-0001-7354-5114³
- 16¹⁵: Predrag Dašić, **Software Applications in Research Based on Artificial Intelligence**
Serbia, dasicp58@gmail.com, Orcid ID: 0000-0002-9242-274X
- 16³⁰: Ugljesa Marjanovic¹, Bojana Milic Marjanovic², Gyula Mester³: **Application of artificial intelligence in education: Evidence from the University of Novi Sad**
University of Novi Sad, Serbia^{1,2}, Orcid ID¹: 0000-0002-8389-6927, Orcid ID²: 0009-0004-3772-2565, University of Szeged, Hungary, Orcid ID: 0000-0001-7796-2820³
- 16⁴⁵: Closing of the conference, greetings.

Countries: Hungary, Croatia, Serbia, United States, Romania, Italy, Bosnia and Herzegovina, Ukraine, Montenegro, Lithuania.