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Economic AI and HPC Forum

Step foward Towards Anorganic Intelligence

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Slavko Vidović *is a leading expert in the development of complex solutions through the application of modern technologies in both the public and business sectors. During his academic career at the University of Zagreb, he taught courses including Artificial Intelligence, Decision Support Systems, Virtual Organizations, and Programming and Programming Languages.*

He is the founder of the InfoDom Group and the Adult Education Institution – ILBA. In 2021, he initiated the establishment of the "Association for the Promotion of Smart Industries" with the goal of raising awareness and building readiness for the adoption of Industry 5.0 technologies through industrial transition and social transformation. By following emerging business and technological trends, and drawing on many years of experience in industry, public administration, and academia, he is currently primarily focused on the implementation of generative artificial intelligence, as well as the development of architectures and components for Smart products within Smart Industry 5.0, Smart Cities, and Digital Government.

AI Application Development Framework: Multiagent Systems

Digital and artificial intelligence (AI) technologies are rapidly increasing system complexity while enabling the resolution of more advanced and multidimensional business challenges. Modern AI architectures now require a holistic understanding of the enterprise and its broader business ecosystem, moving beyond isolated organizational functions and traditional siloed software solutions.

This shift enables the development of integrated enterprise-wide systems that connect operations, decision-making, and data across multiple business areas. The integration of proactive Agentic AI with reactive Generative AI further accelerates this transformation by supporting the creation of Multi-Agent Systems (MAS) capable of continuous and autonomous operation.

These advanced AI-driven systems can support use cases such as global market research, enterprise risk management, intelligent decision support, and automated business processes. At the same time, modern applications are evolving into comprehensive digital platforms supported by automated development, context engineering, prompt engineering, and continuous deployment processes powered by AI.