

# STEP AI

## Anorganic Intelligence

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### Economic AI and HPC Forum

Step forward Towards Anorganic Intelligence

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Grand Hotel Adriatic



**Dr. Dominic Gorecky** is a partner and executive board member at Switzerland Innovation Park Biel/Bienne and co-founder of the Swiss Smart Factory, Switzerland's leading Industry 4.0 testbed. He also co-founded the Swiss Robotics Competence Center (S3C), serving as President of the Board and advises governments and organizations worldwide on industrial digitalization and innovation ecosystems. Previously, he led research at the German Research Center for Artificial Intelligence (DFKI) and has contributed to global initiatives including the World Economic Forum. His work focuses on AI-driven smart manufacturing, collaborative robotics, and sustainable industrial transformation.



## From Industry 4.0 to Industry 5.0: How AI is Reshaping Automation – Implications for SMEs

The transition from Industry 4.0 to Industry 5.0 marks a shift toward human-centric, resilient, and sustainable production systems. This talk explores how AI, ranging from agentic AI systems and AI-powered industrial software to Physical AI, including humanoid robotics, is transforming automation and enabling SMEs to deploy flexible, adaptive, and scalable solutions.

Through practical use cases, it highlights how SMEs can leverage these emerging technologies to enhance productivity, address workforce challenges, and remain competitive in rapidly evolving industrial ecosystems.