Prof. Dr. DOMINIK BÖSL



Expert in Robotic Governance and Artificial Intelligence

Dominik Bösl is Germany's leading expert on robotics and artificial intelligence. He is Professor of Digital Sciences, Automation and Leadership at the Hochschule der Bayerischen Wirtschaft.
Dominik Bösl (*1983) graduated with a degree in computer science from the University of Augsburg and an MBA from the University of Pittsburgh. He began his career in 1999 at Siemens before moving to Microsoft Germany in 2005, where he held various management positions with national responsibility in Developer Evangelism. During the following seven years at Kuka, the market leader in industrial robotics, he was responsible for the robot manufacturer's innovation and technology management as Senior Corporate Innovation Manager, among other things, and was one of Kuka's Technology Owners. In January 2019, Bösl moved to Festo, where he served as Vice President and Head of Robotic Futures until his appointment at the university. From 2022 to 2023, he also was Managing Director at the Berlin-based AI and robotics start-up Micropsi Industries.

Professor Dominik Bösl is the author of numerous technical and scientific publications.

He is active in the Institute of Electrical and Electronics Engineers (IEEE) as Chair of the IEEE TechEthics Initiative and as Vice President for Industrial Activities of the IEEE Robotics and Automation Society. He is founding Director of the "Center for Robotics" at Munich University of Digital Technologies & Applied Sciences (MUDT). In his volunteer work, Bösl is primarily involved in STEM promotion and the regulation of robotics, automation and artificial intelligence through governance structures. He is co-developer of the educational programming game AntMe! and with the Robotic & AI Governance Foundation, which he founded, he researches the foundations of governance structures for the (self-)regulation of disruptive technologies.

In his lectures, Bösl not only provides in-depth expert knowledge on Industry 4.0 and the developments of the future, but also calls for new, unconventional approaches to solutions. His message: Innovation requires technical expertise, methodological competence and, above all, the will to implement innovation.

Topics (Selection):

- Future Research & Megatrend Analysis
- The Future of Robotics & Automation
- Demystifying and Realistically Assessing AI – When the bubble bursts, what comes next?