



SCANVAC WEBINAR – Utilization of AI technology in HVAC applications

Friday 17 April, 2026 at 9.00 (SE/DK/NO) 10.00 (FI/EE)

Data-driven optimization layer on existing BMS – challenges and obstacles

Mikk Maivel, R8 Technologies, Estonia

Mikk Maivel defended his PhD in 2015 at Tallinn University of Technology (TTÜ) on the topic “Aspects of Heating System Efficiency in Low-Energy Residential Buildings.”

Mikk has over 15 years of experience in the real estate sector, including building services engineering and management, as well as extensive experience in delivering conferences and training sessions. He has worked at the KredEx Foundation on developing support schemes for apartment building renovations and has spent many years at State Real Estate (Riigi Kinnisvara) leading energy efficiency and building automation initiatives. He currently works at R8 Tech.

In 2021–2022, he was a visiting scholar at the University of Texas at Arlington.



Key challenges and roadmaps for semantic driven building management systems

Qian Wang, Division of Building Technology and Design, KTH Royal Institute of Technology, Sweden

Dr. Qian Wang is working as a researcher and group leader at KTH.

He has more than 15 years of both industry-driven and theoretical research and development experiences in the area of building installation technology, smart buildings and digital solutions in the built environment.

His main research focus on retrofitting technology, building management systems (BMS), renewable energy system control and ICT system integrations in building thermal systems.



Automating Building Design & Consulting Workflows

Davor Stelja, Granlund Oy, Finland

Davor Stelja is AI Lead, Innovations at Granlund Oy.

He has a PhD in Energy Engineering (Aalto University, 2025).

He has worked 10 years at Granlund bridging research and industry: time-series forecasting & control for HVAC/energy, anomaly detection at scale, and GenAI/LLM workflows for built-environment data.

Known for taking ideas from vision to shipped products: setting strategy and OKRs, turning roadmaps into sprint plans and daily tasks, mentoring and growing teams, and aligning PoCs with long-horizon research to deliver measurable business impact.

