LUMI AI Factory: World-class supercomputing services for Additive Manufacturing

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Keywords: High-Performance Computing, CFD-modeling, Physics-Informed Machine Learning

The LUMI supercomputer provides high-performance computing capacity for demanding additive manufacturing workloads, including thermo-mechanical simulations, melt pool modeling, computational fluid dynamics, AI model training, and large-scale data analytics.

The LUMI AI Factory is one of the 19 AI Factories in the European Union. These facilities accelerate AI development and innovation, strengthening Europe's technological competitiveness.

The LUMI AI Factory enables Finnish companies and academic researchers to develop advanced AI models and data-driven applications. Its services include access to LUMI's computing resources, high-quality datasets, expert support in AI development, and training programs. All LUMI AI Factory services are free of charge for academia, startups, SMEs, and public-sector organizations.