Al in Software Engineering Theory & Practice
Al-Based Software Engineering turns IT Systems into Industrial Base Platforms

Global Distributed Software Development

Open Innovation for IT Base Platforms

Develop

IT Systems

Process Mining + Improvement

AI-Based Engineering

Traditional Engineering

Features ✓ Cost ✓ Reliable ✓ Safe

Industrial Systems

Features ✓ Cost ✓ Reliable ✓ Safe

Industrial Quantum Computing
Research and Teaching at the Forefront of Computing


T. Krüger, W. Mauerer: Quantum Annealing-Based Software Components: An Experimental Case Study with SAT Solving, QSE@ICSE2020 (submitted)