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INTEGRATE - Towards Integrated Software and AI System Design



Ongoing digitization is changing our world in all areas of life. At the same time, technological approaches are becoming increasingly diverse: Artificial intelligence enables great new applications, but is not the solution to all the world's problems. Classic software remains essential, but is reaching its limits for many issues. And new technologies such as quantum computing or neuromorphic computing are on the verge of market maturity. At SCCH, we are working on a holistic technology approach that brings together these different technologies. The goal: to harness the best of all technologies in an integrated form and to find not the supposedly hottest solution for each problem, but simply the best solution. During the presentation, the vision behind this approach will be presented and its potential illustrated with selected examples.