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## Machine learning for computing in quantum field theory

*Friday 17 December 2021 16:00 (30 minutes)*

Machine learning has the potential of becoming, among other things, a major computational tools in physics, making possible what was not. In this talk I focus on one specific example of using this new tool on concrete computational problems. I will summarise my recent paper (2110.02673) with de Haan, Rainone, and Bondesan, where we use a continuous flow model to help ameliorate the numerical difficulties in sampling in lattice field theories, which for instance hampers high-precision computations in LQCD.

**Primary author:** CHENG, Miranda (University of Amsterdam)

**Presenter:** CHENG, Miranda (University of Amsterdam)