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## Calculation of the running coupling in non-Abelian gauge theories from Jarzynski's equality

*Friday 30 July 2021 06:15 (15 minutes)*

We discuss the theoretical foundations of non-equilibrium Monte Carlo simulations based on Jarzynski's equality and present, as an example of application, the determination of the running coupling in the Schrödinger-functional scheme.

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**Session Classification:** Algorithms (including Machine Learning, Quantum Computing, Tensor Networks)

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