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The Out-of-Equilibrium Anderson impurity model: a numerically exact approach with Diagrammatic Quantum Quasi Monte-Carlo (ONLINE presentation)

mercredi 15 septembre 2021 14:00 (1 heure)

Calculating Feynman diagrams analytically is impractical beyond the first few orders. In this talk, I will discuss recent numerical algorithms that allow one to calculate all diagrams up to order 20 or more. I will show how this technique can be used to study the Anderson model, including for parameters deep into the Kondo regime both at equilibrium (in precise agreement with other techniques) and in out-of-equilibrium situations that were not accessible so far.

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