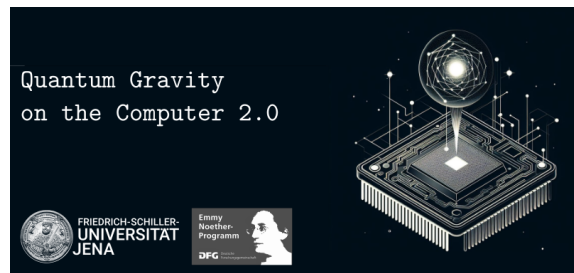


Quantum Gravity on the Computer 2.0



Contribution ID: 17

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sl2cfoam-next: how to calculate exact Lorentzian spinfoam amplitudes

Tuesday 10 September 2024 11:00 (1 hour)

Spinfoams provide a rigorous definition of transition amplitudes in quantum gravity. I will present the code `sl2cfoam-next` that I developed to calculate Lorentzian spinfoam amplitudes on the computer, showcasing its basic usage, its strengths and limitations and a few important applications so far.

Presenter: GOZZINI, Francesco (University of Heidelberg)