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CENTRO DE I&D EM MATEMÁTICA E APLICAÇÕES
CENTER FOR R&D IN MATHEMATICS AND
APPLICATIONS

Gravitational Geometry and Dynamics Group Seminar

Wed. 7th December '22 Online at 14h30 (PT)

Questions on Quantum Gravity

Renate Loll

Radboud University, Nijmegen

Zoom meeting ID 962 2413 8340

passcode: ask to annulli@ua.pt - herdeiro@ua.pt

I will sketch motivations, ambitions and challenges of quantum gravity, how we have got to where we are, and discuss promising current and future direction, focusing on nonperturbative quantum field-theoretic approaches. No expert knowledge on quantum gravity will be required. The talk will be loosely based on "30 Questions on Quantum Gravity" (arXiv:2206.06762, hep-th), a write-up of lectures presented at the Training School on "Quantum Gravity Phenomenology in the Multi-Messenger Approach".

[https://videoconfercolibri.zoom.us/j/96224138340?](https://videoconfercolibri.zoom.us/j/96224138340?pwd=YkZUMGILb0dqVjcxOVpXMTFVMTBXQT09)

[pwd=YkZUMGILb0dqVjcxOVpXMTFVMTBXQT09](https://videoconfercolibri.zoom.us/j/96224138340?pwd=YkZUMGILb0dqVjcxOVpXMTFVMTBXQT09)

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