



Contribution ID: 648

Type: Talk in a parallel session

Recent advances in quantum field theory in curved spacetime

Thursday, 11 July 2024 18:20 (10 minutes)

We review some recent advances in connection with the energy-momentum tensor and the semiclassical Einstein equations, symmetries and anomalies, effective actions, the renormalization group and other questions in the context of quantum field theory in curved spacetime.

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Session Classification: Quantum field theory in curved spacetimes and perturbative quantum gravity