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## ---- Poster Session ----

Ground state for a real scalar field in the cosmic string spacetime with arbitrary boundary conditions Victor Hugo Marques Ramos

How curved backgrounds affect communication between quantum systems Alessio Lapponi  $\,$ 

Nontrivial self-consistent backreaction of quantum fields in 2D dilaton gravity Prokopii Anempodistov

Quantum Uncertainty and Superposition under the Influence of Gravity Raghvendra Singh

Quantum effects in curved space

Antonino Flachi

Causal symplectic geodesic structures in terms of bilinear functionals for Haag-Araki theory Evgeniy Gudkov

Renormalization of the primordial inflationary power spectra Silvia Pla Garcia

Heat kernel resummations on a constant axial field background César García Pérez