

Title: Celine Zwikel

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Céline Zwikel

Quantum Gravity - Quantum Fields and Strings
Worldline: PhD @ULB, Brussels, Belgium -> Postdoc @TU Wien, Austria

Main research interest: Phase space of spacetimes with boundaries

- * Boundaries: future null infinity, horizon of a black hole, ...
- * Symmetries - organize the phase space

Questions:

- * what is the maximal number of symmetries - how loose can be the boundary structure
- * how are we accommodating leaky boundary conditions (i.e flux passing through the boundary)

Could be useful/Implications for:

- * Holography
- * IR triangle - memory effects
- * Quantize gravity
- * Information loss paradox

