

## Spinfoam: Bulk from Boundary

*Monday 6 May 2024 14:30 (15 minutes)*

Based on the exact holographic duality formula related the Ponzano-Regge amplitudes for 3d quantum gravity and the 2d inhomogeneous Ising model, I will clarify the relation between bulk path integrals and boundary theory in the context of spinfoams. Through simple toy-models, I will explain how bulk observables become the coupling constants of the boundary theory, and vice-versa how the bulk theory can be reconstructed as an infinite refinement of an edge mode network.

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