## Hadamard states from data at the de Sitter conformal boundary

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**Abstract** In this talk, I will sketch the construction of Hadamard states on asymptotically de Sitter spacetimes proposed recently in a joint work with András Vasy. The crucial feature is the extendability of appropriately rescaled classical fields across the conformal horizon, to a region consisting of two asymptotically hyperbolic spaces. It turns out that (non-interacting) quantum fields follow the same behaviour and are uniquely determined by data in the asymptotically hyperbolic spaces.