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The spectral C^*-algebra of a product system

The spectral C^*-algebra $C^*(E)$ associated with a product system $E = \{E(t)\}_{t>0}$ was introduced by Arveson in the 1990s and serves as a natural "spectrum" for E, linking the representation theory of the product system with that of the algebra itself. In this talk, I will give an overview of the construction and main properties of $C^*(E)$, and then discuss some recent progress on classifying these C^*-algebras.