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Colloquium: Kardar-Parisi-Zhang equation: one and two components

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The KPZ equation was first written down in 1985 and has a rich history, reaching physical applications beyond the originally envisioned surface growth. In my lecture, I will discuss recent advances. Amongst others, they include the extension to two components and the riddle of the space-time spin-spin correlations of the Heisenberg spin chain.

Presenter: SPOHN, Herbert