

# The XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022)



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## Emergent fields from hidden sectors

*Tuesday 28 June 2022 18:00 (20 minutes)*

This talk focuses on a collection of ideas that explain why the Standard Model (SM) should be completed by a graviton, graviphotons, axions, and neutrinos (and maybe other stuff) emerging from a hidden sector. This task will be accomplished in a novel framework, where the SM is coupled to a holographic theory. The new particles will be composites and, in almost all cases, are distinct qualitatively from what has been considered so far.

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