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Dual perspectives on strongly coupled SCFT

Thursday 20 July 2023 09:30 (30 minutes)

String theory provides a powerful framework for generating and studying strongly coupled quantum field theories, including so-called “non-Lagrangian” theories that have no weak coupling limit. In this talk, I will summarize recent developments regarding dual descriptions of a class of strongly interacting 4d $N=2$ superconformal field theories that arise from string theory. I will highlight how the interplay of geometric engineering, holography, and Lagrangian gauge theory leads to new insights into these SCFTs’ novel features.

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