

Dynamical Cobordism and Codimension-2 End-of-the-world Branes

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Dynamical Cobordism is an implementation of the Cobordism Conjecture in the framework of Effective Field Theory, with End-of-the-World (ETW) Branes realized as codimension-1 solutions of the EFT becoming singular at infinite field distance and finite spacetime distance. In this talk, I will describe how codimension-2 ETW branes can be realized as intersecting solutions, providing both a general framework and specific examples for this description. From the cobordism perspective, the intersections can be regarded as describing the end of the world for end-of-the-world branes, or as boundary domain walls interpolating between different ETW brane boundary conditions for the same bulk theory.

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