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SModelS v3: Going Beyond Z2 Topologies

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SModelS is a public tool for fast reinterpretation of LHC searches for new physics based on a large database of simplified model results. While previous versions were limited to models with a Z2-type symmetry, version 3 can now handle arbitrary signal topologies. To this end, the tool was fully restructured and now relies on a graph-based description of simplified model topologies. In this talk, I will discuss the main conceptual changes and novel features of SModelS v3.

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