



Contribution ID: 52

Type: **not specified**

Coloured spin-1 resonances in composite Higgs models

Wednesday 28 May 2025 14:40 (20 minutes)

Composite Higgs models with an underlying fermionic description predict heavy spin-1 resonances. We study the spin-1 states in a class of realistic models where they come as colour triplets, sextets, and octets. The colour octet vector state is present in all models and mixes with the gluon, allowing for single production at hadron colliders. I will present the phenomenology of these states and derive current bounds from LHC data.

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Session Classification: Collider Beyond Standard Model Physics