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# Partial compositeness at LHC and on the Lattice

*Wednesday 24 April 2024 11:30 (15 minutes)*

We review models of partial compositeness constructed using ordinary four-dimensional gauge theories with fermionic matter. We show that they give rise to a set of collider signatures of interest for the high luminosity run of LHC (mostly light scalars with low production cross-sections). We also discuss some observables that need to be computed on the lattice in order to establish the viability of these theories.

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**Session Classification:** Morning