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Compositeness and Physics Beyond the Standard Model

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Compositeness due to a new confining gauge force may play roles in several sectors of physics beyond the Standard Model, including composite dark matter and composite Higgs bosons. Given the strongly-coupled nature of the new confining interaction, lattice gauge theory is the appropriate calculational technique. I will briefly review recent progress in this area, focusing on recent studies of light composite scalars (i.e. Higgs bosons) and the search for a low energy effective theory.

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Session Classification: EW & Higgs physics