## Kruger2018: Discovery Physics at the LHC



Contribution ID: 57 Type: Oral

## Composite models on a safe road to the Planck scale

Tuesday, 4 December 2018 17:40 (20 minutes)

We will introduce a new paradigm that allows to define composite models that feature an interacting fixed point in the UV (asymptotic safety). This is based on large Nf resummation techniques. I will describe an example that features a composite Higgs and Dark Matter at low energies, and that allows to generate flavour physics dynamically via partial compositeness.

**Primary author:** CACCIAPAGLIA, Giacomo (IPN Lyon)

Presenter: CACCIAPAGLIA, Giacomo (IPN Lyon)

Session Classification: Parallel 06