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## **Towards a non-perturbative approach to the Hierarchy problem**

*Thursday, 22 June 2017 17:00 (15 minutes)*

Combining the ideas of quantum scale invariance with the absence of new particle thresholds between the Planck and the Electroweak (EW) scales leads to stability of the latter against quantum corrections. However, the large discrepancy between the scales remains unexplained. We suggest a non-perturbative mechanism of generation of the EW scale that is able to reproduce naturally this hierarchy.

### **Presentation type**

Parallel talk

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