

## **Disorder in Model Building: from the Hierarchy Problem to Colliders**

*Friday, 7 December 2018 09:30 (30 minutes)*

I will talk about two distinct ideas connected by the introduction in particle phenomenology of disordered systems with a large number of degrees of freedom. First I will show how freeze-in dark matter can solve the hierarchy problem. Then I will discuss how hidden sectors with a large number of new particles can hide at colliders.

**Presenter:** D'AGNOLO, Raffaele (SLAC)

**Session Classification:** Plenary Session