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## WIMPs are Not Dead

*Thursday, 23 March 2023 13:15 (5 minutes)*

Weakly Interacting Massive Particles (WIMPs) that were in thermal equilibrium in the early Universe are one of the most well-motivated particle Dark Matter models. This is in part because WIMP models independently have the same relic abundance of DM as seen by CMB studies. The canonical WIMP mass range is 5 GeV-100 TeV, which we have only just begun to probe. The next generation of DM projects require a suite of experiments that “delves deep, searches wide, and harnesses the complementarity between techniques”. I will show how with a diverse portfolio of next generation experiments will allow us to fully cover the thermal WIMP mass range.

### **Please select if remarks will be in person or on zoom**

On zoom

### **Do you describe your self as early career?**

yes

### **Please add details of experiment/project that this abstract corresponds to?**

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**Session Classification:** Open Session for remarks