



Innsbruck Physics Colloquium

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The Endgame for the WIMP?

The existence of particle dark matter is established beyond reasonable doubt. Since a few decades the leading paradigm for the nature of dark matter is that of Weakly Interacting Massive Particles, or WIMPs. In this colloquium, I will briefly review the motivation for WIMPs, describe the challenges that the paradigm faces with focus on attempts to detect WIMPs in ultra-low background underground detectors and motivate why a paradigm shift is starting to take place. I will give a glimpse on what potentially looks to become the "new black" in the search for Dark Matter.



Tuesday, 15.5.2018, at 17:15 h in Lecture Hall C