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Dark Matter Searches in the 21’st Century
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It is now well established and accepted that the universe has a total density equal to the critical density (Omega = 1) and that roughly 25% of that density is accounted for by non-relativistic particles. That these particles, referred to as Dark Matter and which are more than 5 times as prevalent as baryons (by mass), have remained a mystery has served to motivate physicists to design more and more ingenious and far reaching experiments in an attempt to identify and understand these elusive particles. This talk will review the various ongoing Dark Matter searches, with emphasis on the direct detection experiments, and report on their current status.