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**Dark Matters**

**ABSTRACT:** Recent measurements indicate that ordinary matter, which we understand so well, constitutes only about 4% of the contents of the universe; the nature and properties of the remaining 96% are unknown. The exciting realization that the universe contains a vast “dark sector” has generated one of the most tantalizing problems in physics, astronomy and cosmology today: understanding what these dark matters are. I will present a summary of the observational evidence of the existence of the dark sector, and then discuss the theoretical and experimental efforts aimed at understanding it.

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