

## DIRECT SEARCH FOR DARK MATTER

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12:30 P.M. NSH 184

We still don't know what most of the matter in the universe is actually made of. In this talk, the basic idea of Weakly Interacting Massive Particles as candidates for the missing Dark Matter will be summarized, together with their possible detection channels. A diverse variety of experiments attempts to detect such particles. The talk will focus on the basics of the direct WIMP detection with laboratory-scaled detectors. Emphasis is put on the various techniques that are employed by running experiments. The current status, data, and prospects for the near future of these detectors will be reviewed.

Astrophysics  
Seminar

All interested  
persons are  
cordially  
invited to  
attend.