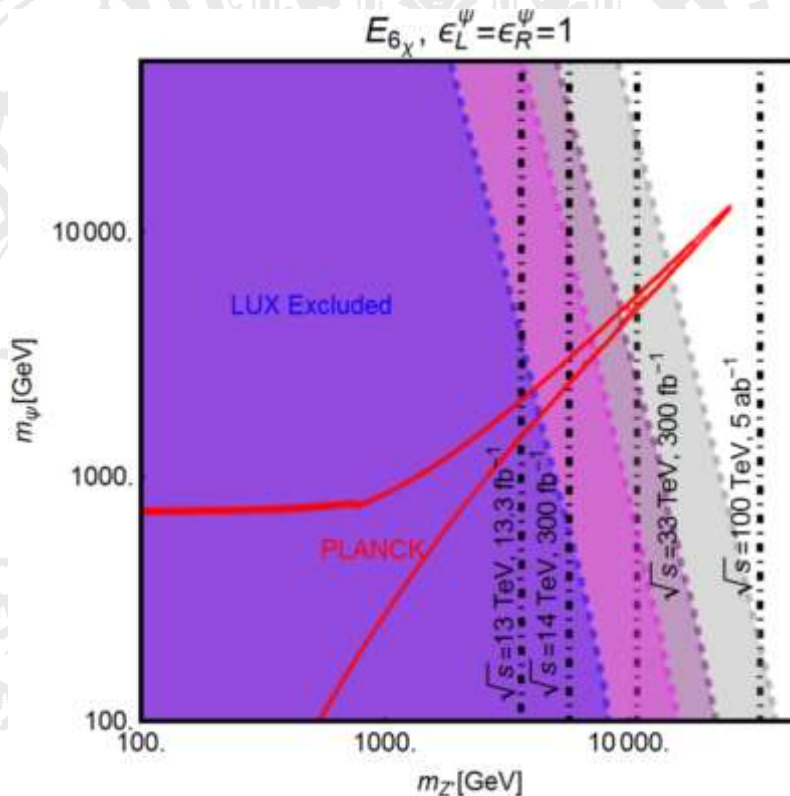


SONDERKOLLOQUIUM

AM 23. JULI 2019 UM 9:00 UHR
 IM SEMINARRAUM, GUSTAV-MIE-GEBÄUDE



Towards Ultimate Tests of the WIMP Paradigm

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The WIMP Paradigm is one of the most compelling solutions of the Dark Matter puzzle. One of the reasons of its interest is its high degree of testability. Direct, and to a more moderate extent, collider Dark Matter searches have made great progress in constraining WIMP model. Nevertheless several realizations are still capable of evading present constraints. I will illustrate some notable examples pinpointing the capability of next Direct Detection facilities like XENONnT and DARWIN of testing these scenarios. I will finally briefly illustrate possible ideas, along this line of research, which I hope to develop in collaboration with the local staff.