



Exposing hidden sectors.

Tuesday, 18 November, 2025
CSSB lecture hall & Webcast 16:00 h

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Despite the huge success of the Standard Model of particle physics, it is not a complete description of Nature. It cannot account for several experimental results and observations, and there are strong theoretical arguments that call for new physics. In this talk, we will discuss novel methods to hunt for new physics beyond the standard model at different energy and length scales, from atomic physics to future colliders. In particular, we explore molecular systems, exotic atoms, and the interplay with intensity probes as beam dumps, electron-ion collider, and fusion reactors.

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