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Future Prospects of Particle Physics

Tuesday, 3 September 2019 10:45 (45 minutes)

An overview will be given where we stand with the fundamental questions in particle physics today, and how we plan to answer these in future with new projects world-wide, either already planned ones or those still under discussion.

The ongoing European Particle Physics Strategy Update process is currently evaluating possible future programs and their physics merits.

This general seminar will show several highlights from the most prominent future projects proposed for both the so called high energy and high intensity frontier. We'll look in some detail to the physics questions that these projects will be able to address.

Some of the anticipated new technical challenges will be discussed as well.

Summary

Presenter: DE ROECK, Albert (CERN)

Session Classification: Invited