

# The quest for new particles: ATLAS Experiment Searches Updates and Outlook

*Friday, 3 November 2023 10:45 (45 minutes)*

The ATLAS Experiment at the Large Hadron Collider (LHC) continues to push the boundaries of particle physics, seeking to unravel the mysteries of the universe beyond the Standard Model. This talk will provide an overview of the most recent results obtained during Run 2 of the LHC, focusing on our relentless quest for new physics. In addition, I will outline the plans and prospects for Run-3 and the upcoming HL-LHC searches.

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