

Brookhaven Forum 2025: Launching the Second Century of Quantum Physics



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Recent BSM Results from ATLAS and CMS (remote)

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The Standard Model of particle physics successfully describes many known interactions, but is known to be incomplete. In this talk, recent results of searches for beyond-the-Standard-Model signatures are reported. These use up to 140 fb⁻¹ of pp collisions collected by the ATLAS and CMS experiments at $\sqrt{s}=13$ TeV and up to 51.8 fb⁻¹ collected at $\sqrt{s}=13.6$ TeV. Searches for compressed electroweak supersymmetry, displaced jets, and new scalar resonances will be highlighted.

[Link](#)

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