



PPD Seminar

Quantum computing for particle physics

Sarah Malik (UCL)

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Quantum computing is poised to be the most promising technology of the 21st century, with the potential to accelerate scientific breakthroughs and address pressing global issues. I will present research focused on applying quantum computing to challenging problems in particle physics (including simulating parton showers and track reconstruction) and on leveraging its capabilities to accelerate the discovery of physics beyond the Standard Model.

