

# Precision Simulations and Their Limitations

*Tuesday, 8 October 2024 10:00 (30 minutes)*

In my talk I will summarise the state of precision simulations for the LHC and future accelerator-based experiments at high energies, such as the upcoming EIC and a possible lepton collider. I will also discuss some of the improvements - both in terms of theory and method development and in implementation - that are necessary to meet the accuracy goals of the experiments and to have strategic input to their programme.

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