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## Monte Carlo SMEFT predictions for the LHC

*Friday, 16 September 2022 09:00 (45 minutes)*

SMEFT predictions for LHC processes are typically extracted via Monte Carlo event generation. The first part of the talk will give an overview of the state of the art of these simulations in terms tools and methodologies. The second part will focus in more detail on the SMEFTsim UFO models, discussing their main features and presenting the most recent updates (v3).

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**Session Classification:** Session