



New physics and model-independent measurements at the LHC.

Tuesday, 11 June 2019, DESY Auditorium, 16:45 h

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Particle-level, differential measurements made in fiducial regions of phase-space at colliders have a high degree of model-independence and can therefore be compared to BSM physics implemented in Monte Carlo generators in a very generic way. This allows a wider array of final states to be considered than it is typically the case, as well as a wider array of specific models, and optimises the long-term impact of precision of LHC data. I present a method of exploiting this, with examples.



- **Coffee, tea and cookies will be served at 16:30h**
- **After the colloquium there is a chance for private discussions with the speaker over drinks and pretzels**