

## Particle Physics Challenges

DESY THEORY WORKSHOP

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RESEARCH FOR GRAND CHALLENGES

**Particle Physics Challenges**

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# Next to Leading Power Corrections: Resummation and Improving Fixed Order Subtractions

*Wednesday 26 September 2018 17:00 (18 minutes)*

In this talk I will present some recent developments in the computation of LHC observables at next to leading power in SCET. I will explain why the analytical computation of power corrections are important for fixed order calculations via subtraction methods and show the first all order resummation of logarithms at subleading power for an event shape.

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