

# The new Alaric Parton Shower in Sherpa

*Tuesday 25 April 2023 10:10 (20 minutes)*

I will present the logarithmically accurate parton shower Alaric. The algorithm is implemented in the Sherpa framework, and I show its NLL accuracy in final state evolution both numerically as well as by analytical arguments. I will also present phenomenological results compared to observables measured at LEP.

**Presenter:** REICHELT, Daniel (Durham University, IPPP)

**Session Classification:** Student and Postdoc talks