

Topics for discussion: Computational aspects session

at “Taming the accuracy of event generators”, CERN, June 29 - July 03, 2020

1. negative PDFs in showers and N(N)LOPS, “unweighting” with complicated splitting functions
2. algorithm requirements, both on the theory, from the experimental side, and from resource constraints
3. compromises in different algorithms. Compromises between computing time and statistical stability?
4. interface issues? Can we match & mix different codes? Are codes public, or even open-source?
5. are developments using ML techniques helpful, and already scalable? Should we rely on such tools?