UNIVERSITY OF LIVERPOOL

LEVERHULME TRUST

KKMC Monte Carlo Generator

In collaboration with A. Siodmok and A. Price

RadioMC2 Meeting 2024

Jérémy Paltrinieri

Liverpool, 15/11/2024

KKMC: https://github.com/KrakowHEPSoft/KKMCee

Implementation of the hadronic vacuum polarisation valid at low energies

Rivet interface for analyses

Perhaps higher orders $O(\alpha^3 L^3)$

Fixed-order truncation