

McMULE flash talk

Yannick Ulrich
(he/him)

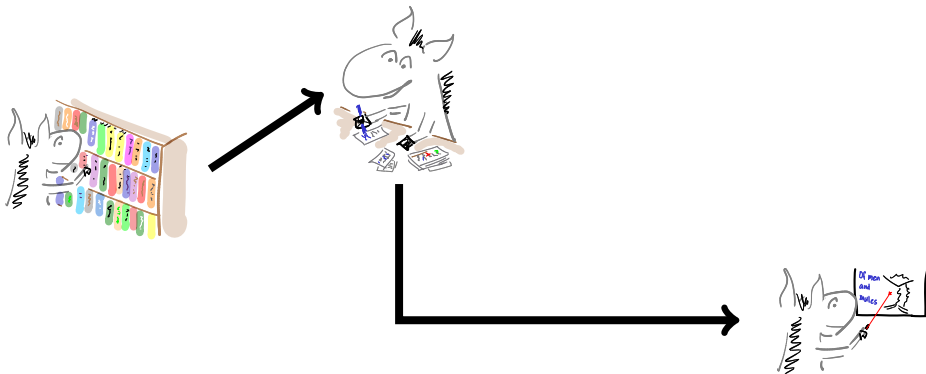
Maths Department, University of Liverpool

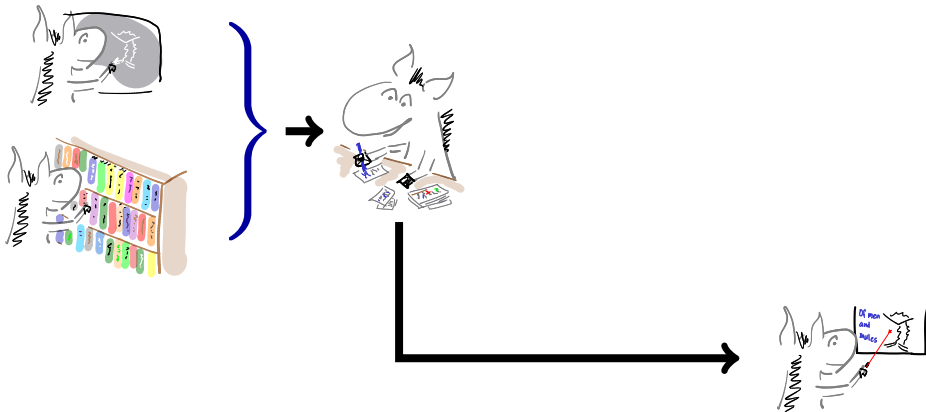
18 SEPTEMBER 2025

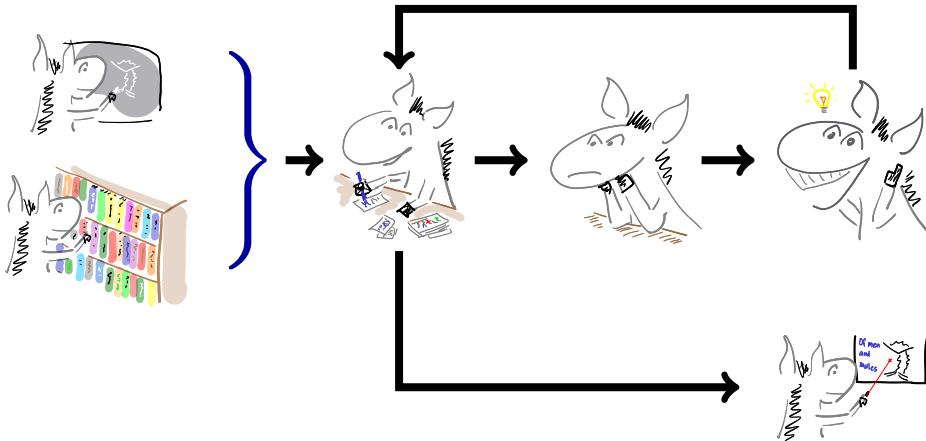


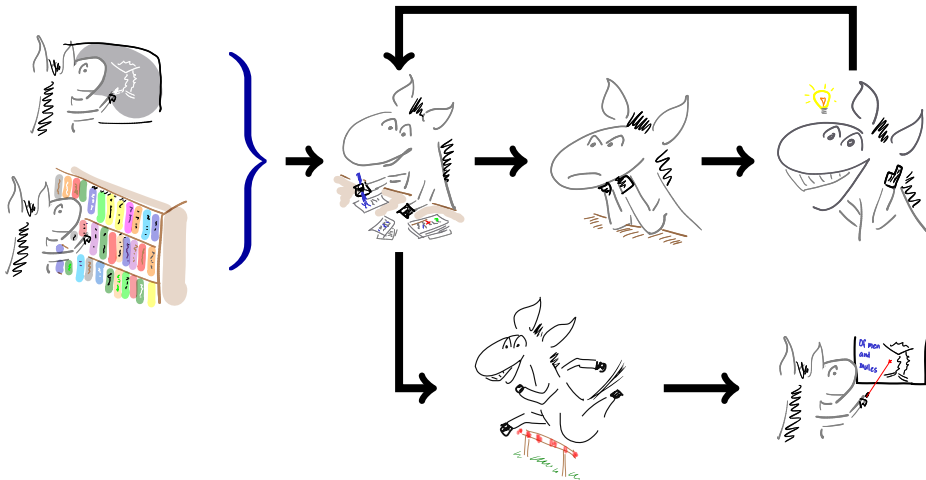


Monte carlo for Muons and other leptons



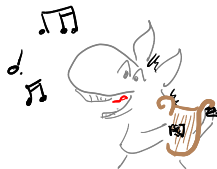








first NNLO for MUonE



TPE vs. NNLO in MUSE



weak effects



McMULE+PRad II



bad event generator



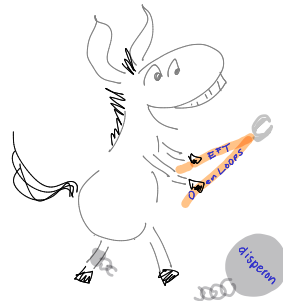
good event generator



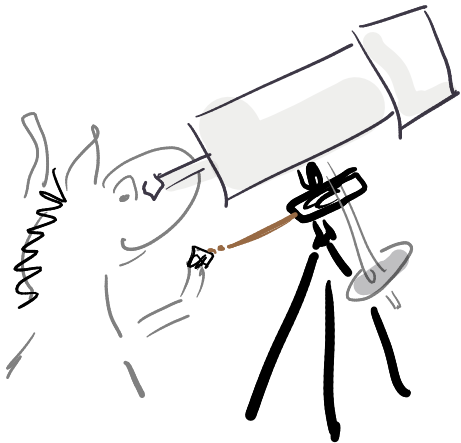
RadioMonteCarLow



hadronic



disperon





resummation



resummation



high energy



resummation



high energy



world domination



```
* commit: be7a7693 <be7a76934175ba546e9df0fcc4f73a118ab40d96>
   date: Mon Apr 25 11:57:29 2016 +0200 9 years ago
   author: yannickulrich <yannick.ulrich@psi.ch>
   Adding gitignore
```

We have...



`mcmule.readthedocs.io`



python tooling



customer support



f.l.t.r.: S.Kollatzsch (Zurich & PSI), A.Signer (Zurich & PSI), V.Sharkovska (Zurich & PSI), S.Gündogdu (Zurich & PSI), D. Moreno (PSI), A.Coutinho (IFIC), Y.Ulrich (Liverpool), D. Radic (Zurich & PSI), L.Naterop (Zurich & PSI), M.Rocco (Turin)
not shown: P.Banerjee (Cosenza), Y.Fang (ETHZ), A.Gurgone (Pavia), R.Krolzig (Zurich), F.Hagelstein (Mainz), M.Ronchi (Mainz), N.Schalch (Oxford), P.Wahlen (Zurich)



McMULE

mule-tools.gitlab.io