

RMCLL 2 ++

Yannick Ulrich
(he/him)

Background / timeline

- RMCL & RMCL2 were funded in part through Strong2020
- Last May, Horizon opened a call for follow-up funding of up to €10M
- Carlo, Achim, Franziska, Andrzej, Graziano & myself submitted a LoI
- I presented this in Nantes and it was included for €100k with UoL as lead
- Grant was awarded a few months ago

Proposed project

- RMCL 2 with bigger scope to include $e p \rightarrow e p$ b/c physics & problems similar
- Goals
 - support MC development
 - collate & document repository
 - support integration

Support of MC development

We have some limited travel funds

→ if you need money to come to these workshops, let us know

→ if you need money to visit other MC groups for a few weeks, let us know

Collate & document repository

- During phase I we created

<https://radiomontecarlo2.gitlab.io>

for runcards, pipelines, results

- not many run cards & pipelines were submitted
- very few updates since Phase I
- would be nice if people could ...

Support integration

current model

MC 1

Exp 1

MC 2

Exp 2

MC 3

Exp 3

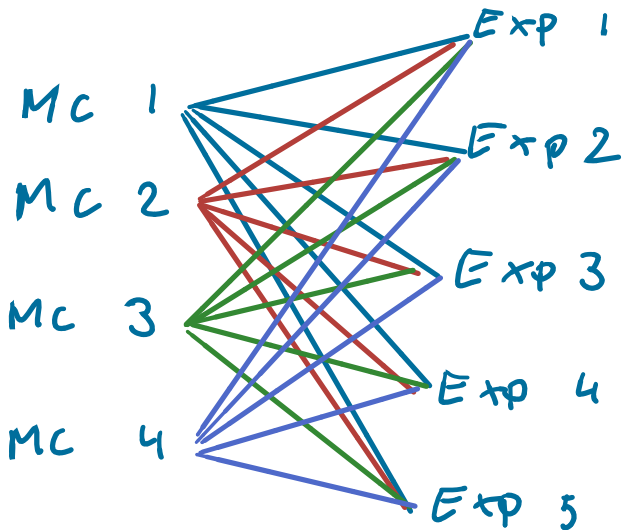
MC 4

Exp 4

Exp 5

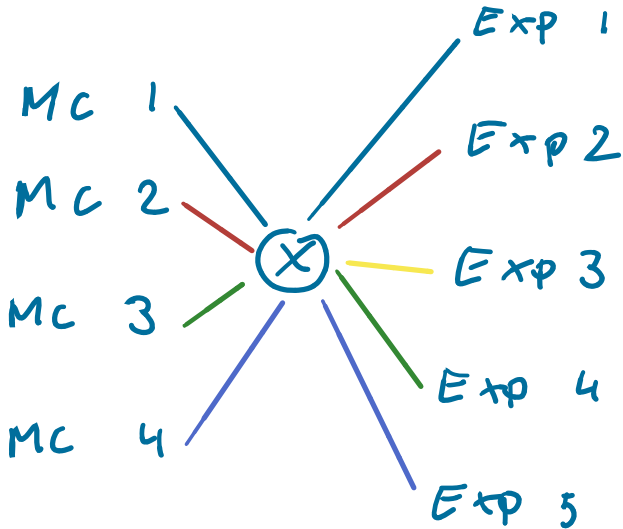
Support integration

current model



we have $n_{MC} \times n_{exp}$ shims

Support integration
~~current~~ proposed model



we have $n_{mc} + n_{exp}$ shims + He X

Common interface

- What is this X?
- the LHC has rivet
- not compatible with all codes
- compatible with all experiments?
- build / adapt something like this

What is the future
of RMCL2?