EDM4HEP Meeting #2 Introduction

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Welcome Back!

- We had a long summer break
- Last meeting we looked at the two main EDMs used for future detector studies
  - LCIO
  - FCC-EDM
- Today we discuss in more detail the commonalities and differences
  - Thanks to Valentin for putting together a side-by-side comparison
  - The re-implementation of LCIO as pLCIO, using PODIO, already bears fruit here as the YAML description is ideal for this purpose
- Our goal here should be quite practical...
  - What do we propose the content of EDM4HEP (Version 0.1!) to be, inspired by the good points of our parent EDMs?

Proposed Timeline

- Recall our goal is 3-6 months before we release a beta version
  - Of which 2 months went past already (!)
- We should aim to iterate fast on a first internal version
  - Action: github repository to make this real (`HSF/edm4hep`)
  - PODIO YAML description is the engine for now
  - Goal: end of October
- However, an EDM is only a piece of the puzzle...
  - What would be the first demonstrations that this is a functional EDM that can be used in detector studies?
  - Here we need to assess plans from our experts in each community:
    - CEPC, CLIC, FCC, ILC
- Given that 3 out of 4 use ILCSoft would this be a good place to start?

A few practicalities

- Use mailing list and github for discussions and coding
- Meet every 2 weeks
  - Is this time generally ok for people?
  - 2 October, 16 October, 30 October, …

- For keeping meeting minutes we moved to using CodiMD, a collaborative web based editor for Markdown
  - This seems to work for everyone
  - Today's live notes: https://codimd.web.cern.ch/NtM0GlENRFG5Wc_bAn_sxA?both