

Towards AIDA++

discussion on potential continuation of WP3 projects

F.Gaede, DESY

AIDA2020 Annual Meeting, Apr 4,2019

- Introduction to AIDA++
- transition from AIDA to AIDA2020
- Continuation of WP3 projects
- Discussion

- potential successor for AIDA2020
- in context of call for innovation pilots: **INFRA-INNOV-04-2020**
 - innovation in light sources | detectors | accelerators
 - budget 30 MEur, max 10 MEur per project
- deadline for final proposal: **March 17, 2020**
- community/town-hall meeting in September 2019

need to start thinking about continuation of software projects now

- or even about ideas for **new** software projects ?

- facing a similar situation at the end of first AIDA project
- at the time, we decided to have a mixture of **continuation of successful projects** and some **new projects**
- continuation:
 - DD4hep
 - USolids/VecGeom
 - alignment
 - advanced tracking
 - advanced PFA tools
- new projects:
 - EDM toolkit
 - Framework extensions

- should clearly aim at continuation of successful projects !
- potential candidates: in principle all !?
- need to develop a proposal on future activities:
 - new features and/or new use cases
 - beneficial to at least one community - ideally more than one
 - address immediate needs of **current experiments** (ATLAS, CMS, LHCb, Alice, Belle II, Dune, ...)
 - as well as **future experiments** (ILC, CLIC, CEPC, FCC-ee, hh, eh, ...)

Discussion: your input and thoughts, plans, etc.