



ILD Status and News

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ILD phone meeting







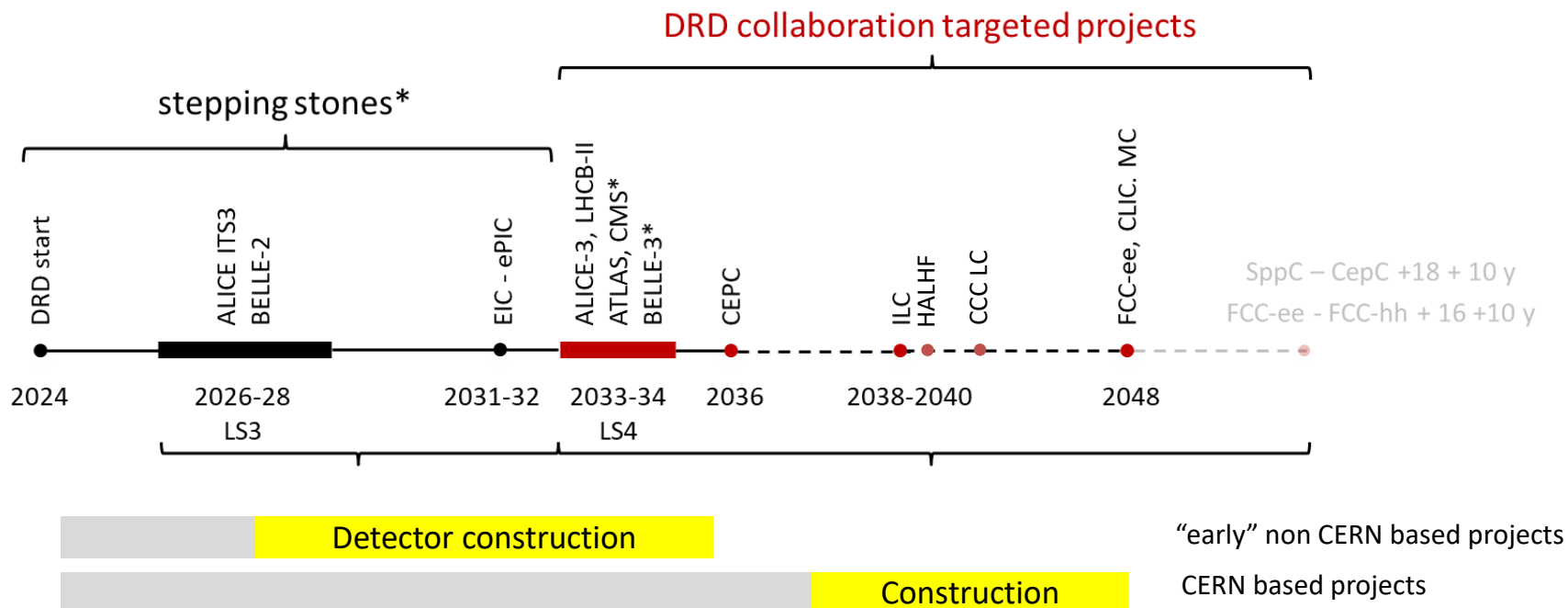
ILD@CERN 2024

- Very successful meeting, with good attendance
 - About 40 people on-site, about 20-30 people online
 - Active participation, active discussion
- Identified a number of interesting areas where ILD should be technologically updated
 - Need a series of more detailed meetings in the sub-detectors to study this and to come forward with a concrete proposal
- Identified cooperation with in particular FCC-ee as a key priority of the coming months

ILD and FCC-ee

- ILD is still an active community with significant expertise and know-how
- ILD is the only concept currently active which has available full simulation and fully simulated data sets
- ILD is interested – as stated in our strategy document last year – to increase cooperation with other (circular) Higgs factory proposals
- ILD is not interested to “merge into FCC-ee”, but rather to expand and to include a FCC-ee version into its baseline
- Since CLD is rather close to ILD in many ways, integrating ILD and CLD into a common concept seems sensible, but needs to be worked out in more detail.

Time lines of projects



Upcoming events

- Summer conferences
 - Call for abstracts is open for ICHEP 24, submissions are encouraged and managed through the PSB
 - We intend to submit in addition a rather generic ILD abstract to ICHEP
- LCWS 2024 at Tokyo: July 8 – 11, Tokyo, Japan
- ECGA Higgs factory workshop 2024: to be discussed, date has not yet been confirmed
- Next ILD group meeting: March 5, 2024, 14:00 hours Paris time (tbc)

Today's agenda

- Talk by Mikael on fast simulation in ILD, in particular, on SGV as our main workhorse.
 - Fast simulation is very important and visible in particular in the context of FCC studies
 - We can contribute to this with a well understood and “realistic” fast simulation
 - This was already done very successfully in the context of the snowmass studies