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CERN openlab Knowledge Transfer and Innovation Projects

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CERN openlab is a unique public-private partnership between CERN and leading IT companies and research institutes. Having learned a lot from the close collaboration with industry in many different projects we now are using this experience to transfer some of our knowledge to other scientific fields, specifically in the areas of code optimization for the simulations of biological dynamics and the advanced usage of ROOT for the storage and processing of genomics data. In this presentation I will give an overview of the knowledge transfer projects we are currently engaged in. How they are relevant and beneficial for all parties involved, the interesting technologies that are being developed and what the potential and exciting results will be.

Tertiary Keyword (Optional)

Outreach

Primary Keyword (Mandatory)

Experience/plans from outside experimental HEP/NP

Secondary Keyword (Optional)

Software development process and tools

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