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Use of ROOT in ILCSoft

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The International Linear Collider is a linear e+e- collider project expected to be built in Japan. In order to study the potential physics discoveries with such a collider, the ILCSoft framework has been developed by the ILC and CLIC collaborations. As for most of the experiment frameworks, ROOT plays a central role in ILCSoft. In particular, the DD4hep package, based on the TGeo component of ROOT, provides an interface to Geant4 for simulation, geometry description for reconstruction and conditions access for data analysis. The ROOT TMVA component is also extensively used for physics analysis.

In this talk we will review the usage of ROOT in the ILCSoft framework and its use by the linear collider community.

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