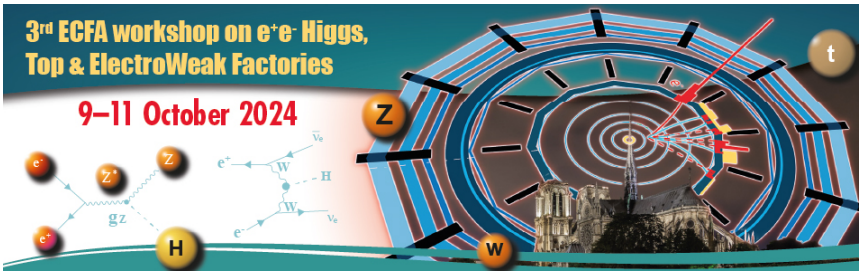

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Monte Carlo Productions for Full Simulation Studies

Thursday 10 October 2024 14:15 (20 minutes)

Large scale Monte Carlo studies are only possible with sufficient computing power. To make efficient use of these distributed resources, the DIRAC framework, and its instance for future High Energy Lepton Collider Studies, iLCDirac, offers the end users and production managers a user friendly interface. While studies for the ILC and CLIC have made use of iLCDirac for years, this presentation will detail how it was now adopted also for FCCee studies. The presentation will give a brief overview of the interface to end users and production managers, show how the system was employed in recent months to provide Monte Carlo samples for the ECFA Higgs/Electroweak/Top studies, and how these samples can be used. Recent developments about the integration of the full Key4hep software stack, and more specifically about the introduction of FCCee production workflows, will also be discussed.

Primary authors: SAILER, Andre (CERN); FRANCOIS, Brieuc (CERN); VALENTINI, Lorenzo (CERN)

Presenter: SAILER, Andre (CERN)

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