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## PROSPECT OF THE IN2P3 COMMUNITY INVOLVED IN THE ILC PROJECT

A large community of the French national funding agency IN2P3/CNRS has been involved since two decades in the developments addressing a linear electron-positron collider at the energy frontier, within an international collaboration involving nearly 100 laboratories around the world. This long term involvement has progressively generated a concrete project named International Linear Collider (ILC), anticipated to be hosted by Japan. The achieved maturity of the project allows considering its realisation in the coming decade. This document suggests to examine closely the opportunity for Europe to join the international consortium necessary to realise the ILC project, within a framework where only about 20 % of the total investment would be expected from Europe, moreover expressed through an in-kind contributions exploiting the industrial know-how deployed for the European XFEL light source and its spin-os.

The purpose of this document is to summarise the main achievements and associated expertise, on-going activities and forthcoming plans of the nine research teams of IN2P3/CNRS involved in accelerator and detector R&D as well as in physics studies for the ILC project in Japan. The latter has undergone steady progress since the previous European Strategy update, ending up with a situation where an opportunity to realise the collider in a few years from now may arise. Some of the most recent steps of the project supporting this expectation are recalled in this document, thereby setting the landscape backing up the strong wish of the IN2P3 research teams to see the ILC in Japan emerging as one of the short term top priorities in the upcoming European Strategy for particle physics.

The authors of the document act as liaison of the IN2P3 laboratories presently involved in the ILC project. The latter is addressed at the national level through the (Linear Collider Committee (CCL) [1]), where the project evolution and important ILC related issues are discussed.

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