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Cryogenics overview

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The conceptual design of the FCC cryogenics systems has made significant progresses. Different magnet cooling schemes have been studied in superfluid and normal helium. The impact on the size and on the operation cost of the cryogenic system has been studied for different magnet operating temperature. A cryogenic architecture has been defined and the main hardware location at ground, service cavern or tunnel levels has been optimized.

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