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## CERN: Advancing the Frontiers of Technology

*Saturday, 9 September 2023 12:00 (30 minutes)*

Speaker: PhD in Energy Atomic Commissariat , CEA Saclay (France), Physicist at CERN (Operation and Upgrades), 1994, with several responsibilities related to the different aspects of Accelerators design, engineering and construction plus upgrades (from the SPS to the LHC through the Large electron-positron collider, LEP) Head of Technology Department since January 2014, at CERN, Geneva, Switzerland. The Technology Department is responsible for technologies which are specific to existing particle accelerators, facilities and future projects.

The main domains of activities cover: magnets (superconducting, normal conducting, fast pulsed magnets, electrostatic and magnetic septa), their machine integration and protection, power converters, cryogenics, high and ultra-high vacuum systems, coatings and surface treatments.

**Presenter:** Dr JIMENEZ, Jose Miguel (CERN)

**Session Classification:** SYMPOSIUM and PANEL DISCUSSION on "HIGH TECH & FUNDAMENTAL RESEARCH : THE UNPAREIL LINK"