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CNR-SPIN: Fe-based superconductors for very high field applications

Monday, 5 March 2018 14:10 (20 minutes)

In this talk I will briefly review the recent developments worldwide on Fe-based superconductors, either on Powder-In-Tube and Coated Conductors, especially in terms of the critical currents at 4.2 K and high magnetic field. I will then focus on the results obtained in this field at SPIN in the collaboration with CERN within the Addendum FCC-GOV-CC-0086 of the Memorandum of Understanding FCC-GOV-CC-0004 for the FCC study.

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