

Workshop series announcement

Nb₃Sn **technology** **for accelerator magnets**

Several programs worldwide are developing Nb₃Sn magnets for high energy physics applications. The state-of-the-art 12 T insertion quadrupoles for HL-LHC and the 12-14 T high field dipoles are the results of decades of development during which various mechanical aspects of the conductor have been studied in numerous laboratories.

To push the Nb₃Sn technology safely towards the 16 T frontier, the community is invited to settle on a set of common characterization practices based on a shared vision of the underlying phenomenon and their consequences, the results of which will be applied to magnet design and fabrication phases.

Workshop #2 will focus on:

- J_c dependence to stress/strain state
- Material aspects/characterization of conductors
- Coil fabrication technology

This workshop is open to scientists and engineers involved in Nb₃Sn accelerator magnet development worldwide. Contributions are only oral. The scientific committee welcomes any suggestion of presentation/speaker.

11-12 October 2018

One week before HL-LHC collaboration meeting

PARIS, France

Scientific committee/Contact:

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