

Session Program

16-17 Nov 2017



Workshop on Nb₃Sn Rutherford cable characterization for accelerator magnets

Mechanical characterization of impregnated conductor

CIEMAT, Madrid

Friday 17 November

08:30

Mechanical characterization of impregnated conductor

Session | **Location:** CIEMAT, Madrid | **Conveners:** Friedrich Lackner, Paolo Ferracin

08:30–09:00

Mechanical tests setup in CEA Saclay

Speaker

Maria Durante

09:00–09:30

Measurement devices for 10 stacks mechanical characterization at room and 77K temperature

Speakers

Claudio Fichera, Michael Guinchard

09:30–10:00

Mechanical behavior of MQXF cable stacks at room temperature

Speaker

Claudio Fichera

10:00

10:30

Mechanical characterization of impregnated conductor

Session | **Location:** CIEMAT, Madrid | **Conveners:** Paolo Ferracin, Friedrich Lackner

10:30–11:00

Mechanical characterisation of Nb₃Sn impregnated coils - Compression properties

Speaker

Jose Luis Rudeiros Fernandez

11:00–11:30

Uncertainties in the measurement of the mechanical properties of Nb₃Sn coil constituents and cable stacks

Speaker

Christian Scheuerlein

11:30–12:00

Mechanical simulation of MQXF coils

Speaker

Giorgio Vallone

12:00–12:30

Measurements and modelling of mechanical properties of Nb₃Sn strands and cables at FNAL

Speaker

Emanuela Barzi

12:30