

Session Program

7-11 Jul 2014



ICEC/ICMC 2014 Conference

Thu-Af-Orals Session 13

Thursday 10 July

14:00

Thu-Af-Orals Session 13: Fusion and High Current Cables

Session | Location: WA1 | Convener: Vitaly Vysotsky

14:00-14:15

First Operational Results of the SST-1 Superconducting Magnet Cryogenics Systems

Speaker

Dr Subrata Pradhan

14:15-14:30

Fabrication of a prototype HTS conductor for fusion magnets

Speaker

Davide Uglietti

14:30-14:45

Demonstration of a 60 kA-class 6-around-1 high-temperature superconducting Conductor on Round Core Cable in Conduit Conductor

Speaker

Fraser Douglas

14:45-15:00

A round Rutherford cable concept with HTS Roebel Coated Conductors strands

Speaker

Anna Kario

15:00-15:15

Development of high-temperature superconducting Conductor on Round Core magnet cables

Speaker

Danko van der Laan

15:15-15:30

Upgrade of EDIPO for HTS cable test

Speaker

Rainer Wesche

15:30-15:45

Analysis of the ITER PF coil joints under the reference operating scenario

Speaker

Dr Yury ILYIN

15:45