

## **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