

## Session Program

17-21 Jun 2013



## ICMC-2013, the International Cryogenics Materials Conference

### *Superconductor Stability and AC Loss*

# Tuesday 18 June

13:30

## Superconductor Stability and AC Loss: 1MOrD2 orals

Session | Location: Kathnu 2 | Conveners: Arend Nijhuis, Wilfried Goldacker

13:30–14:00

**[Invited] Analysis of temperature and current margin of four ITER Central Solenoid conductor designs during a 15 MA plasma scenario with comparison to DC qualification tests**

**Speaker**

A. Nijhuis, et al.

14:00–14:15

**3-D Homogenization: a new technique for fast calculation of AC losses in non-circular HTS pancake coils**

**Speaker**

V. Zermeno, et al.

14:30–14:45

**AC losses in CORC cables measured at 77 K in liquid nitrogen bath**

**Speaker**

M. Majoros, et al.

14:45–15:00

**Magnetic Shielding Measurements on 2G HTS Rings**

**Speaker**

J. Kvitkovic, et al.

15:00–15:15

**Minimum Quench Energy of High Temperature Superconducting Composites and Magnets**

**Speaker**

Y. Yang

15:15