

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 Homogeneization: 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