

Session Program

7-11 Jul 2014



ICEC/ICMC 2014 Conference

Thu-Af-Oral Sessions 15

Thursday 10 July

14:00

Thu-Af-Oral Sessions 15: Flux pinning, Stability, and AC Losses

Session | Location: WA4 | Convener: Arjan Verweij

14:00–14:15 **Vortex dynamics and irreversibility line in FeSe_{0.25}Te_{0.75}.**

Speaker

Dr Alessandro Puri

14:15–14:30 **AC Loss tests on CORC and stacked tape REBCO cables**

Speaker

Kostyantyn Yagotyntsev

14:30–14:45 **Filamentary MgB₂ wires for AC applications**

Speaker

Dr Pavol Kováč

14:45–15:00

Intra-strand resistance and current transfer length in multifilamentary NbTi, Nb₃Sn, MgB₂, BSSCO and ReBCO conductors

Speaker

Chao Zhou

15:00–15:15

The influence of the Al stabilizer layer thickness on the normal zone propagation velocity in high current superconductors

Speaker

Idan Shilon

15:15–15:30 **Current imbalance and AC losses of long distance DC HTS cable**

Speaker

Yury Ivanov

15:30–15:45

Minimum Quench Energy and Propagation Velocity in Superconducting Cables with Longitudinal Lateral Cooling

Speaker

Yifeng Yang

15:45