

## **Session Program**

**23-25 Oct 2013**



## **2nd Workshop on Energy for Sustainable Science at Research Infrastructures**

### ***Energy Efficiency at Research Infrastructures***

CERN

# Thursday 24 October

11:00

## Energy Efficiency at Research Infrastructures: Parallel session B2

Session | Location: CERN, 503/1-001 - Council Chamber | Convener: Mike Seidel

11:00-11:20

### Energy efficiency of particle accelerators - a network in the European program EUCARD-2

**Speaker**

Dr Mike Seidel

11:20-11:40

### Cryogenic waste heat utilization for DESY and European XFEL

**Speaker**

Mr Jens-Peter Jensen

11:40-12:00

### Development of high-power IOTs as an efficient alternative to klystrons

**Speaker**

Dr Morten Jensen

12:00-12:20

### Energy reduction: example of a test facility upgrade with pulsed magnets instead of DC magnets, saving 90% of energy consumption

**Speaker**

Dr Konstantinos Papastergiou

12:30