

**Session Program**

**12 January 2016**

**GPU computing**

***GPU application types, and the challenges  
and tricks to make it working (or not)***

CERN, 6-R-012

## Tuesday 12 January

11:00

### GPU application types, and the challenges and tricks to make it working (or not)

Session | Location: CERN, 6-R-012

11:00-11:20

#### Magnetic field simulations using fast multipole expansions on GPU processors

**Speaker**

Jeroen Van Nugteren

11:20-11:40

#### Collective effects in beam tracking

**Speaker**

Adrian Oeftiger

11:40-12:00

#### Optimisation strategies for GPU based LHC event filtering applications

**Speaker**

David Rohr

12:00