

Session Program

21-25 Sept 2009

TWEPP-09 Topical Workshop on Electronics for Particle Physics

Parallel Session B4 - Power, Grounding and Shielding

Institut des Cordeliers 15, rue de l'Ecole de Médecine (Métro Odéon) Paris, France

Wednesday 23 September

15:00

Parallel Session B4 - Power, Grounding and Shielding

Session | **Location:** Institut des Cordeliers 15, rue de l'Ecole de Médecine (Métro Odéon) Paris, France | **Convener:** Philippe Farthouat

15:00-15:25

Progress on DC-DC converters for SiTracker for SLHC

Speaker

Dr Satish Dhawan

15:25-15:50

ASIC buck converter prototypes for LHC upgrades

Speaker

Mr Stefano Michelis

15:50

16:15

Parallel Session B4 - Power, Grounding and Shielding

Session | **Location:** Institut des Cordeliers 15, rue de l'Ecole de Médecine (Métro Odéon) Paris, France | **Convener:** Allain Godinec

16:15-16:40

Experimental studies towards a DC-DC conversion powering scheme for the CMS silicon strip tracker at SLHC

Speaker

Dr Katja Klein

16:40-17:05

System Integration Issues of DC to DC converters in the sLHC Trackers

Speaker

Mr Georges Blanchot

17:05-17:30

Performance and comparison of custom serial powering regulators and architectures for SLHC silicon trackers

Speaker

Tomas Tic

17:30-17:55

KM3NeT Power and Submarine Cable Systems for the kilometre cube Neutrino Telescope

Speaker

Mr Mario Sedita

17:55