

Session Program

16-19 Apr 2013



SPACE CHARGE 2013

WORKING SESSION + DISCUSSION

CERN, 6/2-024 - BE Auditorium Meyrin

Wednesday 17 April

16:00

WORKING SESSION + DISCUSSION

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin | **Convener:** Jeffrey Holmes

16:00–16:30 **Coffee Break**

16:30–16:45 **Micro-instability in space charge PIC codes**

Speaker

Frank Schmidt

16:45–17:00 **Instrumentation for space charge effects**

Speaker

Dr Eva Barbara Holzer

17:00–17:15 **Beam Dynamics Simulations Using GPUs**

Speaker

Jutta Fitzek

17:15–17:30

Simulation of space charge effects during multi-turn injection with the codes PATRIC and PyORBIT

Speaker

Sabrina Appel

17:30–18:00 **WORKING SESSION + DISCUSSION**

18:00