

Advanced Wakefield and Impedance Analysis and Simulation

Thursday 4 December 2008 08:30 (30 minutes)

Computation of short range wakepotentials with
“Strang-Splitting” algorithm. Napoly-Like integration for general 3D-geometries.
Parallelisation via segmentation in the transverse plane. Exclusion of unnecessary vacuum parts which
cannot change the short range Wakepotential.

Presenter: Dr BRUNS, Warner

Session Classification: Plenary Session (Chair D. Schulte)