



# Ultra-intense Laser Interactions Science

## Friday, 29 May 2009

### Session 7 - Laser driven Particle Accelerators and their potential Issues (09:00 - 13:30)

time	[id] title	presenter
09:00	[36] On the control of electron beam parameters with laser plasma accelerators	MALKA, Victor
09:30	[25] Dynamics of Radiation Pressure Acceleration	MACCHI, Andrea
10:00	[24] All-optical Femtosecond Bunch Length Measurement of Laser-accelerated Electron Beams	DEBUS, Alexander
10:20	[48] Comparison of laser-accelerated hot electron characteristics obtained using different diagnostics and confrontation to simulations	ANTICI, Patrizio
10:40	[21] High energy electron beam generation in the regime of relativistic self-induced transparency	EREMIN, Vadim
11:00	Coffee Break	
11:20	[92] Recent results on acceleration mechanisms and beam optimization of laser-driven proton beams	FUCHS, Julien
11:50	[14] Efficient ultra-fast laser driven ion acceleration with transparent, dense and ultra-thin foils	STEINKE, Sven
12:10	[90] GeV-level electron beam accelerated by OPCPA laser	KHAZANOV, Efim
12:40	[60] Simulation of Particle Acceleration in the Plasmonx Experiment	BENEDETTI, Carlo
13:10	Concluding Remarks	