



# 1st European Advanced Accelerator Concepts Workshop

## Monday, June 3, 2013

### **WG3 - Electron beams from electromagnetic structures, including dielectric and laser-driven - Bonaparte 1 (3:00 PM - 5:20 PM)**

-Conveners: James Rosenzweig

time	[id] title	presenter
3:00 PM	[38] 2D Theory of Wake-Field Amplification by Active Medium	Prof. SCHACHTER, Levi
3:20 PM	[10] Fibre Laser Based Dielectric Gratings Accelerator	Mr AIMIERDING, Aimidula
3:45 PM	[55] Dielectric laser acceleration of 28 keV electrons with the inverse Smith-Purcell effect	Prof. HOMMELHOFF, Peter
4:10 PM	[13] Helical Accelerating Structure with Controllable Beam Emittance	Dr KUZIKOV, Sergey
4:30 PM	[51] Towards a full C-band multi-bunch/high rep. rate/high gradient injector linac	ALESINI, David
4:55 PM	[14] Bimodal Two-Frequency Half-Cell RF Gun	Dr KUZIKOV, Sergey

### **WG3 - Electron beams from electromagnetic structures, including dielectric and laser-driven - Bonaparte 1 (6:00 PM - 7:30 PM)**

-Conveners: James Rosenzweig

time	[id] title	presenter
6:00 PM	[65] High Gradient Wakefield Generation at the Upgraded Argonne Wakefield Accelerator Facility	Dr CONDE, Manoel
6:25 PM	[156] Recent Dielectric Wakefield Acceleration Results at FACET	Prof. ROSENZWEIG, James
6:50 PM	[35] Analytical and Numerical Studies of Underdense and Overdense Regimes in Plasma-Dielectric Wakefield Accelerators	Dr SOTNIKOV, Gennadiy
7:10 PM	[157] Subpicosecond Bunch Train Production and Tunable Energy Chirp Correction Using the Dielectric Wakefield Accelerator	Dr KANAREYKIN, Alexei