



# 1st European Advanced Accelerator Concepts Workshop

## Tuesday, June 4, 2013

### WG2 - Ion beams from plasmas - Bonaparte 1 (4:00 PM - 5:40 PM)

-Conveners: julien fuchs

time	[id] title	presenter
4:00 PM	[2] Radiation pressure assisted acceleration of ions using multi-component foils in high-intensity laser-matter interactions	Dr AURAND, Bastian
4:25 PM	[7] Ion acceleration beyond 100MeV/amu in relativistic transparent laser-matter interactions	Dr JUNG, Daniel
4:50 PM	[11] Ion Acceleration and Neutron Production Based on Relativistic Transparency of Solids	Prof. ROTH, Markus

### WG2 - Ion beams from plasmas - Bonaparte 1 (6:00 PM - 7:40 PM)

-Conveners: julien fuchs

time	[id] title	presenter
6:00 PM	[18] Laser ion acceleration with low density targets: a new path towards high intensity, high energy and high current ion beams	ANTICI, Patrizio
6:25 PM	[69] Mapping of intense magnetic fields in relativistic laser plasma interaction	Dr FLACCO, Alessandro
6:50 PM	[158] Tunable Achromatic Focusing Optics for High-Current Laser-Accelerated Proton Beams	Prof. FUCHS, julien
7:15 PM	[57] Dose enhancement and localisation by combining reduced mass targets and a pulsed solenoid for radiobiological effectiveness studies of laser accelerated protons	Mr KROLL, Florian

## Wednesday, June 5, 2013

### WG2 - Ion beams from plasmas - Bonaparte 1 (4:00 PM - 5:40 PM)

-Conveners: julien fuchs

time	[id] title	presenter
4:00 PM	[152] Experimental Studies of Ion Charge Equilibrium in the Warm Dense Matter Regime Using Laser-Based Plasma	Dr CHEN, Sophia
4:25 PM	[71] Laser Induced Light Ion Acceleration at LNF	Prof. GIULIETTI, Danilo
4:50 PM	[40] LIGHT – from laser ion acceleration to future applications	Mr BUSOLD, Simon
5:15 PM	[147] ELIMED: a Future Hadrontherapy Concept Based on the Laser-Driven Beams	Dr SCUDERI, Valentina