



# 2nd European Advanced Accelerator Concepts Workshop

## Monday, September 14, 2015

### WG2 - Ion beams from plasmas - SB1 Sala Bonaparte 1 (4:00 PM - 5:30 PM)

-Conveners: Ulrich Schramm; Marco Borghesi

time	[id] title	presenter
4:00 PM	[32] Ion accelerations via the interaction of intense lase pulses with cluster targets	Dr FUKUDA, Yuji
4:25 PM	[186] Ion acceleration using fully isolated targets	Mr OSTERMAYR, Tobias
4:45 PM	[155] High-repetition-rate laser-proton acceleration employing a cryogenic Hydrogen jet as a target	REHWALD, Martin
5:05 PM	[23] Ion acceleration by intense, few-cycle laser pulses with nanodroplets	Dr DI LUCCHIO, Laura
5:25 PM	Discussion	

### WG2 - Ion beams from plasmas - SB1 Sala Bonaparte 1 (6:00 PM - 7:30 PM)

-Conveners: Ulrich Schramm; Marco Borghesi

time	[id] title	presenter
6:00 PM	[116] Picosecond metrology of laser driven ion bursts	Dr DROMEY, Brendan
6:25 PM	[127] Proton acceleration by interaction of high intensity laser with microstructured snow targets	Prof. ZIGLER, Arie
6:45 PM	[250] Energetic negative ion and neutral atom beams from intense laser-plasma interaction	Prof. TER-AVETISYAN, Sargis
7:05 PM	[181] Ion acceleration driven by high intensity, multiple beams at Arcturus Laser System	PRASAD, Rajendra
7:25 PM	Discussion	

## Tuesday, September 15, 2015

### **WG2 - Ion beams from plasmas - SB1 Sala Bonaparte 1 (3:00 PM - 5:30 PM)**

-Conveners: Ulrich Schramm; Marco Borghesi

time	[id] title	presenter
3:00 PM	[69] Ion Acceleration from ultra thin foils on the Astra GEMINI facility	Ms SCULLION, Clare
3:20 PM	[132] Energetic ion beams from relativistically transparent ultra-thin foils	Dr DOVER, Nicholas
3:40 PM	[110] Laser-Driven Proton Acceleration at POLARIS with SHG and nm thin Foils	Mr BECKER, Georg Alexander
4:00 PM	Discussion	
4:05 PM	[190] Proton energy enhancement by controlled preplasma formation	SINIGARDI, Stefano
4:25 PM	[159] LIGHT ION ACCELERATION: BULK VS. SURFACE ACCELERATION AND ROLE OF TARGET THICKNESS AND RESISTIVITY	Dr GIZZI, Leonida Antonio
4:45 PM	[144] Mono-Energetic Ions emission by nanosecond laser solid target irradiation	Dr MUOIO, annamaria
5:05 PM	[201] Investigation of ion acceleration mechanism through laser-matter interaction in femtosecond domain	Dr ALTANA, Carmen
5:25 PM	Discussion	

### **WG2 - Ion beams from plasmas - SB1 Sala Bonaparte 1 (6:00 PM - 6:30 PM)**

-Conveners: Ulrich Schramm; Marco Borghesi

time	[id] title	presenter
6:00 PM	[242] Controlling ion acceleration and RPA with carbon nanofoam targets	ZEPF, Matt

## Wednesday, September 16, 2015

### WG2 - Ion beams from plasmas - SB1 Sala Bonaparte 1 (4:00 PM - 5:30 PM)

-Conveners: Ulrich Schramm; Marco Borghesi

time	[id] title	presenter
4:00 PM	[94] Generation of 600 MeV carbon ions with composite ultrathin targets	Dr MA, wenjun
4:25 PM	[96] Laser-driven ion acceleration using truly mass-limited targets	Prof. KALUZA, Malte
4:50 PM	[214] Bulk ion Acceleration in the Light-Sail regime, studied by ion and neutron spectroscopy	Mr ALEJO, Aaron
5:10 PM	[78] Ion acceleration from laser driven collisionless shockwaves in optically shaped gas targets	Dr DOVER, Nicholas

### WG2 - Ion beams from plasmas - SB1 Sala Bonaparte 1 (6:00 PM - 7:30 PM)

-Conveners: Marco Borghesi; Ulrich Schramm

time	[id] title	presenter
6:00 PM	[208] A novel ultra-high gradient travelling wave ion accelerator driven by intense lasers	Dr KAR, Satyabrata
6:25 PM	[175] Laser-driven protons for nanomaterial production	ANTICI, Patrizio
6:40 PM	[86] Potential clinical impact of laser-accelerated ion beams in cancer therapy	Prof. OBCEMEA, Ceferino
6:55 PM	[185] The ELIMED transport and dosimetry beamline for laser-driven ion beams	ROMANO, Francesco
7:10 PM	[239] Diagnostic and dosimetry solutions for laser-driven ion beams: preliminary results	MILLUZZO, Giuliana Giuseppina