



# 3rd European Advanced Accelerator Concepts Workshop

## Monday, September 25, 2017

### WG2 Parallel (4:00 PM - 5:30 PM)

-Conveners: Alessandro Flacco; Louise Willingale

time	[id] title	presenter
4:00 P	<a href="#">M116</a> ] Observation of ultrafast solid-density plasma dynamics using femtosecond X-ray pulses from a free-electron laser	ROEDEL, Melanie
4:25 P	<a href="#">M117</a> ] ultrashort PW lasers pulse interaction with target and ion acceleration	Prof. TER-AVETISYAN, Sargis
4:50 P	<a href="#">M113</a> ] Experimental investigation of sheath-driven proton acceleration in the ultra-short pulse, ultra-high intensity regime	Dr DOVER, Nicholas
5:10 P	<a href="#">M110</a> ] Features within sheath accelerated proton beams and their implications for electron transport	Dr PALMER, Charlotte

### WG2 Parallel (6:00 PM - 7:30 PM)

-Conveners: Alessandro Flacco; Louise Willingale

time	[id] title	presenter
6:00 P	<a href="#">M118</a> ] High-performance laser proton acceleration using cryogenic hydrogen jet targets with cylindrical and planar geometry	Mrs OBST, Lieselotte
6:20 P	<a href="#">M119</a> ] Isochoric heating of solid gold targets with the PW-laser-driven ion beams	Dr STEINKE, Sven
6:40 P	<a href="#">M120</a> ] Laser driven ion beam for multidisciplinary applications at ELIMAIA beamline	Dr SCUDERI, Valentina
7:00 P	<a href="#">M123</a> ] Spectral and spatial shaping of a laser-accelerated proton beam for radiation biology applications	Dr FLACCO, Alessandro
7:15 P	<a href="#">M121</a> ] Proton acceleration studies with ultrashort PW pulses at DRACO	Dr SCHLENVOIGT, Hans-Peter

# Wednesday, September 27, 2017

## WG2 Parallel (4:00 PM - 5:30 PM)

-Conveners: Alessandro Flacco; Louise Willingale

time	[id] title	presenter
4:00 P	[M16] Cascaded acceleration of highly energetic carbon ions by single femtosecond laser pulses and nanotargets	Prof. MA, wenjun
4:20 P	[M16] Light Sail Acceleration of Ultra-Thin Foils	Mr MCILVENNY, Aodhan
4:40 P	[M170] Exploring Energy Absorption in Ultra-Thin Targets	Ms DITTER, Emma-Jane
5:00 P	[M48] Laser driven plasma acceleration at PEARL laser system: progress and prospects.	Dr SOLOVIEV, Alexander
5:15 P	[M28] New concept of light ion acceleration from low-density target	Dr BRANTOV, Andrey

## WG2 Parallel (6:00 PM - 7:30 PM)

-Conveners: Alessandro Flacco; Louise Willingale

time	[id] title	presenter
6:00 P	[M13] LIGHT: Generation of highest peak intensities of ultrashort MeV proton bunches and going towards applications	JAHN, Diana
6:20 P	[M16] Kinetic and finite ion mass effects on the transition to relativistic self-induced transparency in laser-driven ion acceleration	Dr SIMINOS, Evangelos
6:40 P	[M13] Laser-driven neutron sources and their applications	MIRFAYZI, Seyed Reza
7:00 P	[M19] Laser-plasma acceleration inducing nuclear fusion reactions	Prof. GIULIETTI, danilo
7:15 P	[M22] Parametric study of proton beams driven by 200TW laser system using a tape driven target system	Mr HAQ, Muhammad Noaman ul