

EMP workshop 2022 - Timetable

Time		Presenter	
08:30	Registrations		
09:00	Welcome and Opening		
	Session 1: (Chair: F. Consoli)		
09:10	Electromagnetic emissions at LMJ-PETAL facility: understanding, mitigation and measurement.	S. Coudert	CEA, France
09:30	EMP emission from laser interactions with gas jets	P. Bradford	CELIA, France
09:50	Simulations and measurements of microwave pulses associated with high-power short-pulse laser interactions with solid targets and the possible mitigation methods	P. Raczka	IPPLM, Poland
10:10	EMP from fs Laser Plasma at ELI-MAIA	V. Kmetik	ELI-BEAMLINe, Czech Republic
10:30	Coffee-break		
	Session 2: (Chair: V. Tikhonchuk)		
11:00	EMP and electron energy correlations in laser particle acceleration from metallic targets	A. Marcu	CETAL, Romania
11:20	Laser-matter interaction as an innovative source of intense radiofrequency-microwave fields	F. Consoli	ENEA, Italy
11:40	Towards laser driven Electromagnetic Radiation sources for Electromagnetic Compatibility testing	N. Ahmed	ELI-ALPS, Hungary
12:00	Broadband THz-Time Domain Spectroscopy of Water	A. Taschin	ENEA, Italy
12:20	Lunch		
	Session 3: (Chair: D. Carroll)		
14:00	Experimental estimation of the EMP spectral microwave energy generated by a LOLLIPOP target	J.-L. Dubois	CELIA, France
14:20	Electro-optical sensing of intense electromagnetic pulses in a multi-hundred joule laser facility	M. Scisciò	ENEA, Italy
14:40	Measurement of target current using inductive probe	J. Cikhardt	CTUP, Czech Republic
15:00	EMP measurements at VEGA: status and prospects	M. Ehret	CLPU, Spain
15:20	On the EMP Issues at ELI-NP	M. M. Gugiu	ELI-NP & IFIN-HH, Romania
15:40	Coffee-break		
16:10	Round table and discussions		
17:30	Concluding remarks		