

Workshop on Laboratory Astrophysics

Monday, 19 June 2023

Invited talks - Conference Room (1st floor) (09:30 - 11:00)

time	[id] title	presenter
09:30	[21] Welcome speech	WEEKS, Allen ARAUDO, Anabella MARGARONE, Daniele
10:15	[14] Non-resonant instabilities	BELL, Tony

Invited talks - Conference Room (1st floor) (11:30 - 13:00)

time	[id] title	presenter
11:30	[11] Driving turbulence in compact stellar clusters and implications for CR acceleration	REVILLE, Brian
12:15	[16] Coherent radio emissions of interacting and overlapping pair-plasma bunches in the pulsar polar cap regions	BENÁČEK, Jan

Tuesday, 20 June 2023

Invited talks - Conference Room (1st floor) (09:30 - 11:00)

time	[id] title	presenter
09:30	[20] Exploring Plasma Kinetics with Intense Lasers	SILVA, Luis
10:15	[19] What can we learn by studying test particles at shock fronts?	KIRK, John G.

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time	[id] title	presenter
11:30	[10] Collisionless shocks do not always fulfill the Rankine-Hugoniot conditions. Possible role in ICF?	BRET, Antoine
12:15	[24] Discussion: synergies between astro and fusion studies	

Wednesday, 21 June 2023

Invited talks - Conference Room (1st floor) (09:30 - 11:00)

time	[id] title	presenter
09:30	[18] Exploring the microphysics of collisionless shocks with high-power lasers	FIUZA, Federico
10:15	[27] PIC simulations of shock formation and electron acceleration in conditions relevant to NIF experiments	GRASSI, Anna

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time	[id] title	presenter
11:30	[17] Learning transport processes with machine intelligence	MINIATI, Francesco
12:15	[28] Discussion: latest progress on particle acceleration studies and future experimental perspectives	