

20th Advanced Accelerator Concepts Workshop

Monday 07 November 2022

WG3: Laser and High-Gradient Structure-Based Acceleration: Session 1: Join WG4 for SWFA talks - Gardiner's Island (13:30-15:00)

-Conveners: Sergey Belomestnykh; Xueying Lu

time	[id] title	presenter
13:30	SWFA in WG4 Session	

WG3: Laser and High-Gradient Structure-Based Acceleration: Session 2: Structures I - Gardiner's Island (15:30-17:00)

-Conveners: Xueying Lu; Sergey Belomestnykh

time	[id] title	presenter
15:30	[124] High Power Test Results of X-Band Dielectric Disk Accelerating Structures	FREEMIRE, Ben
16:00	[63] Simulation Results of a Clamped Multicell Dielectric Disk Accelerating Structure	WEATHERLY, Sarah
16:30	[30] Cryogenic Dielectric Accelerating Structures	JING, Chunguang

Tuesday 08 November 2022

WG3: Laser and High-Gradient Structure-Based Acceleration: Session 4: Structures II - Gardiner's Island (15:30-17:00)

-Conveners: Xueying Lu; Sergey Belomestnykh

time	[id] title	presenter
15:30	[31] Evaluation of DLC (diamond-like carbon) Coating on Multipactor Suppression	JING, Chunguang
16:00	[102] Short Pulse High Gradient Accelerating Structures	KUZIKOV, Sergey
16:30	[210] Modulation of dense electron beams in nanostructures: A simulation study in preparation of the FACET-II E-336 experiment	KNETSCH, Alexander

Wednesday 09 November 2022

WG3: Laser and High-Gradient Structure-Based Acceleration: Session 5: Laser / THz - Gardiner's Island (13:30-15:00)

-Conveners: Xueying Lu; Sergey Belomestnykh

time	[id] title	presenter
13:30	[95] THz generation fro 3-D printed structures in accelerators	JURANIC, Pavle
14:00	[187] ACHIP experiments at the ARES linac	KUROPKA, Willi
14:30	[253] Energy Modulation in a Commercial Dual Grating Dielectric Structure	CRISP, Sophie

Thursday 10 November 2022

WG3: Laser and High-Gradient Structure-Based Acceleration: Session 6 - Gardiner's Island (08:30-10:00)

-Conveners: Xueying Lu; Sergey Belomestnykh

time	[id] title	presenter
08:30	[99] Update on the status of the C-band high gradient program at LANL	SIMAKOV, Evgenya
09:00	[74] New, High Efficiency RF Sources	IVES, R Lawrence
09:30	[224] RF Cavity Needs for Future Muon Accelerators	FREEMIRE, Ben

WG3: Laser and High-Gradient Structure-Based Acceleration: Session 7: Proton / Other - Gardiner's Island (10:30-12:00)

-Conveners: Xueying Lu; Sergey Belomestnykh

time	[id] title	presenter
10:30	[25] High-Gradient 3 GeV Booster for Enhanced Proton Radiography at LANSCE	BATYGIN, Yuri
11:00	[29] High-Gradient Accelerating Structures for 3-GeV Proton Radiography Booster	KURENNOY, Sergey
11:30	[48] Plasmonic Wakes in a Semi-conductor	KATSOULEAS, Tom

WG3: Laser and High-Gradient Structure-Based Acceleration: Session 8: Preparation of WG3 Summary Presentation - Gardiner's Island (13:30-15:00)

-Conveners: Sergey Belomestnykh; Xueying Lu

time	[id] title	presenter
13:30	Preparation of WG3 Summary presentation	