

6th European Advanced Accelerator Concepts workshop

Tuesday, 19 September 2023

WG4: High gradient vacuum structures - Aula Bonaparte 1 (16:20 - 19:00)

-Conveners: Andrea Mostacci; Sami Tantawi

time	[id] title	presenter
16:20	[418] Introduction to WG4	MOSTACCI, Andrea TANTAWI, Sami
16:25	[405] Dielectric Assist Accelerating (DAA) structures for compact linear accelerators of low energy particles in hadrontherapy treatments.	MARTINEZ-REVIRIEGO, Pablo
16:45	[258] Tunable Dielectric Structure for Extended Interaction Length Laser-Driven Acceleration	CRISP, Sophie
17:05	[240] Coherent Nanophotonic Electron Accelerator	CHLOUBA, Tomáš
17:25	[354] Single Electron Accelerator for Dark Matter Search	ISCHEBECK, Rasmus
17:45	[186] CEBAF Polarized Positrons and 22 GeV Energy Upgrade	SERYI, Andrei
18:05	[419] Discussion	

Thursday, 21 September 2023

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-Conveners: Sami Tantawi; Andrea Mostacci

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16:20	[416] Introduction to WG4	MOSTACCI, Andrea TANTAWI, Sami
16:25	[234] Development and commissioning of a novel C-band hybrid photoinjector at RadiaBeam	MUROKH, Alex
16:45	[404] Beam Dynamics Simulation of a High Brightness, High Repetition Rate RF C-band Photoinjector for Future EuPRAXIA@SPARC_LAB Upgrade	SILVI, Gilles Jacopo
17:05	[437] High Gradient Cryo-RF Enabled Hard X-ray Free-electron Laser for Chip Metrology	ROSENZWEIG, James
17:25	[436] Superconducting short period undulators	CASALBUONI, Sara
17:45	[417] Discussion	