



# 1st CERN Baltic Conference (CBC 2021)

## Wednesday 30 June 2021

### Advanced Technologies: Accelerators (11:00 - 13:15)

-Conveners: Renno Veinthal

time	[id] title	presenter
11:00	[15] LIEBE loop hydraulic parameter determination	KRAVALIS, Kalvis
11:15	[77] Electron Acceleration using Chirped Radially Polarized Superluminal Bessel-X Beams	ORLOV, Sergej
11:30	[9] Additive Manufacturing Applications for Accelerator Technologies	RATKUS, Andris
11:45	[40] Compact Linear Collider and the problem of electric breakdowns	ZADIN, Vahur
12:00	[22] High voltage, high frequency, high bandwidth sweeping arbitrary waveform challenge solution	APSE-APSITIS, Peteris
12:15	[36] Characterization of Cu electrodes after vacuum breakdown with AFM and SEM	ORAS, Sven
12:30	[30] Multi-scale multi-physics simulations of vacuum breakdown phenomena	KYRITSAKIS, Andreas
12:45	[35] Real-time observation of strong electric-field-induced surface modification	VLASSOV, Sergei
13:00	[54] Ab initio investigation of Cu nanoparticle behavior under high electric field	WANG, Ye