



# International Workshop on Future Linear Colliders

## Tuesday, 16 May 2023

### Accelerator: Particle Sources - 48/1-112A/B - Redwood A/B (10:30 - 12:00)

-Conveners: MASAO KURIKI; Gudrid Moortgat-Pick; Steffen Doebert; Joe Grames; Andriy Ushakov; Spencer Gessner

time	[id] title	presenter
10:30	[45] Towards robust polarized photoemission electron sources	MAXSON, Jared
10:50	[74] Building the next high voltage dc photogun polarized source for the ILC at JLab	HERNANDEZ-GARCIA, Carlos
11:00	[90] Status Undulator-based Source	MOORTGAT-PICK, Gudrid RIEMANN, Sabine SIEVERS, Peter
11:20	[89] Mechanical and thermal stress on a pulsed solenoid for positron capture at the ILC undulator-based positron source	TENHOLT, Carmen LOISCH, Gregor
11:30	[57] High Power Solid Target for Positron Source at CEBAF	USHAKOV, Andriy
11:50	[78] Optimization of CW Polarized Positron Source for JLab	HABET, Sami

# Wednesday, 17 May 2023

## Accelerator: Particle Sources - 51/3-305 - Kavli 3rd Floor (13:30 - 15:00)

-Conveners: Gudrid Moortgat-Pick; MASAO KURIKI; Steffen Doebert; Joe Grames; Andriy Ushakov; Spencer Gessner

time	[id] title	presenter
13:30	[182] E-driven and flux concentrator status and plans	Dr ENOMOTO, Yoshinori ENOMOTO, Yoshinori
14:00	[186] Target Status and plan	Dr MORIKAWA, Yu
14:10	[183] Start to end positron source simulation	KURIKI, MASAO
14:30	[185] APS cavity study	HAYANO, Hitoshi Dr FUKUDA, M
14:40	[184] Beam loading compensation on the booster linac	Dr KUROGUCHI, S
14:50	[53] Liquid Xenon Positron Target	VARVERAKIS, Max GESSNER, Spencer

# Thursday, 18 May 2023

## Accelerator: Particle Sources - 53/4-4002 - Toluca (10:30 - 12:00)

-Conveners: Andriy Ushakov; MASAO KURIKI; Steffen Doebert; Gudrid Moortgat-Pick; Joe Grames; Spencer Gessner

time	[id] title	presenter
10:30	[114] US Target and Sources Roadmap	GESSNER, Spencer
10:50	[163] High voltage DC gun using Super lattice GaAs photocathode for EIC polarized electron source	WANG, Erdong
11:00	[95] Status Target Tests	LEGLER, Tim
11:10	[50] Adiabatic matching device development at CERN	DOEBERT, Steffen
11:30	[92] Status Report on the Magnetohydrodynamic Simulations of a Tapered Plasma Lens for Optical Matching at the ILC e+ Source	FORMELA, Manuel HAMANN, Niclas MAXENCE THÉVENET GREGORY BOYLE OSTERHOFF, Jens
11:40	[94] CURRENT STATUS OF PLASMA DIAGNOSTICS OF A PROTOTYPE PLASMA LENS AS AN OPTICAL MATCHING DEVICE FOR THE ILC e+ SOURCE	HAMANN, Niclas
11:50	[56] A Compact Source of Positron Beams with Small Thermal Emittance	HESSAMI, Rafi