



# 20th Advanced Accelerator Concepts Workshop

## Monday 07 November 2022

### WGs 4+5 Joint Session: Session 1 of 2 - Salon E (15:30-17:00)

**-Conveners: Jens Osterhoff; Yine Sun; Spencer Gessner; Samuel Barber**

time	[id] title	presenter
15:30	[82] Highly spin-polarized multi-GeV sub-femtosecond electron beams generated from single-species plasma photocathodes	NIE, Zan
15:48	[65] A scheme for generation and measurement of spin polarized GeV electrons from a PWFA	NAMBU, Nainoa
16:06	[219] Investigating the Transverse Trapping Condition in Beam-Induced-Ionization-Injection in Plasma Wakefield Accelerators	YAN, Jiayang
16:24	[173] Trojan Horse-II at FACET-II: prospects and experimental plans.	SUTHERLAND, Andrew
16:42	[170] Towards a soft x-ray PWFA-FEL via Trojan Horse single bunch injection	BERMAN, Lily

# Tuesday 08 November 2022

## WGs 4+5 Joint Session: Session 2 of 2 - Salon E (15:30-17:00)

**-Conveners: Yine Sun; Spencer Gessner; Jens Osterhoff; Samuel Barber**

time	[id] title	presenter
15:30	[114] Direct measurements of emittance growth from Coulomb scattering on neutral gas atoms in a plasma lens	BJÖRKLUND SVENSSON, Jonas
15:48	[125] Longitudinal bunch shaping using transverse deflecting cavities at Argonne Wakefield Accelerator Facility	KIM, Seongyeol
16:06	[154] Progress Toward a Laser-Ionized, Unconfined Gas PWFA at FACET-II	LITOS, Michael
16:24	[142] Underdense Plasma Lens Commissioning at FACET II and Future Experimental Plans	DOSS, Christopher
16:42	[265] Optical visualization of e-beam-driven plasma wakes at FACET-II	ZGADZAJ, Rafal