

Session Program

31 May 2021

**3rd Townhall Meeting High Gradient
Accelerator Plasma/Laser**

Hybrid Sources

Monday 31 May

11:00

Hybrid Sources: All talks 10' + 5'

Session | Location: | Conveners: Matthew Wing, Sébastien Corde

11:00-11:10

CEPC high energy plasma injector and PWFA driven coherent light source based on SXFEL facility

Speaker

wei lu

11:15-11:25

SRF-based collinear beam-driven acceleration for a future TeV collider

Speaker

Francois Lemery

11:30-11:40

150 MeV S-Band injector linac with high stability and ultra-short electron bunches

Speaker

Florian Burkart

11:45-11:55

Plasma beam dump and its implementation in future colliders

Speaker

guoxing xia

12:00-12:10

Plasma photocathode HEP R&D

Speaker

Fahim Habib

12:15-12:25

Plasma target development for PALLAS project

Speaker

Viacheslav Kubytskyi

12:30-12:40

AWAKE scalable plasma sources R&D at CERN

Speaker

Alban Sublet

12:45

14:00

Hybrid Sources: All talks 10' + 5'

Session | Location: | Conveners: Arnd Ernst Specka, Olle Lundh

14:00-14:10

Hybrid plasma wakefield accelerators as test-beds for HEP building blocks

Speaker

Thomas Heinemann

14:15-14:25

High peak current electron beam transport and diagnostics

Speaker

Christelle Bruni

14:30-14:40

High repetition rate laser-plasma acceleration

Speaker

Jerome FAURE

14:45