

# **I.FAST Workshop 2024 on Injectors for Storage Ring Based Light Sources**



## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Overview of existing injectors

*Thursday, March 7, 2024 9:15 AM (30 minutes)*

**Presenter:** EINFELD, Dieter

**Session Classification:** New injectors and modifications to old machines

Contribution ID: 2

Type: **not specified**

## Experience with the SIRIUS booster

*Thursday, March 7, 2024 10:55 AM (25 minutes)*

**Presenter:** H. SÁ, Fernando (LNLS)

**Session Classification:** New injectors and modifications to old machines

Contribution ID: 3

Type: **not specified**

## Preparations of Elettra booster for Elettra 2.0

*Thursday, March 7, 2024 10:10 AM (25 minutes)*

Remote session

**Presenter:** KRECIC, Stefano

**Session Classification:** New injectors and modifications to old machines

Contribution ID: 4

Type: **not specified**

## Status of the HEPS booster commissioning

*Thursday, March 7, 2024 11:20 AM (25 minutes)*

**Presenter:** PENG, Yuemei (IHEP)

**Session Classification:** New injectors and modifications to old machines

Contribution ID: 6

Type: **not specified**

## **Introduction: Proposed and future injectors**

*Thursday, March 7, 2024 2:00 PM (10 minutes)*

**Presenter:** SESSION CHAIR

**Session Classification:** Proposed and future injectors

Contribution ID: 7

Type: **not specified**

## The Diamond-II booster design

*Thursday, March 7, 2024 2:10 PM (25 minutes)*

**Presenter:** MARTIN, Ian (DLS)

**Session Classification:** Proposed and future injectors

Contribution ID: 8

Type: **not specified**

## Low-emittance booster for SOLEIL II

*Thursday, March 7, 2024 2:35 PM (25 minutes)*

**Presenter:** SCHREIBER, Patrick (SOLEIL)

**Session Classification:** Proposed and future injectors



Contribution ID: 9

Type: **not specified**

## Pre-accelerator concept for PETRA IV

*Thursday, March 7, 2024 4:10 PM (25 minutes)*

**Presenter:** SIEVERS, Sven (DESY)

**Session Classification:** Proposed and future injectors

Contribution ID: **10**

Type: **not specified**

## **The LPA injector project for cSTART**

*Thursday, March 7, 2024 3:45 PM (25 minutes)*

**Presenter:** FUCHS, Matthias (KIT)

**Session Classification:** Proposed and future injectors

Contribution ID: **11**

Type: **not specified**

## **Aspects of the ALS-U booster and accumulator ring**

*Thursday, March 7, 2024 5:00 PM (25 minutes)*

Remote session

**Presenter:** STEIER, Christoph (LBL)

**Session Classification:** Proposed and future injectors

Contribution ID: 12

Type: **not specified**

## Upgrade of the APS-U booster for high-charge bunches and frequency sweep

*Thursday, March 7, 2024 4:35 PM (25 minutes)*

Remote session

**Presenter:** CALVEY, Joe (APS)

**Session Classification:** New injectors and modifications to old machines

Contribution ID: **13**

Type: **not specified**

## **Modifications to the ESRF booster for ESRF-EBS**

*Thursday, March 7, 2024 9:45 AM (25 minutes)*

**Presenter:** PERRON, Thomas (ESRF)

**Session Classification:** New injectors and modifications to old machines

Contribution ID: 17

Type: **not specified**

## Progress with the ALBA-II double-dipole kicker

*Friday, March 8, 2024 9:25 AM (25 minutes)*

**Presenter:** BENEDETTI, Gabrielle (ALBA)

**Session Classification:** Injection technologies and developments

Contribution ID: **18**

Type: **not specified**

## **Permanent and pulsed septa for SLS 2.0**

*Friday, March 8, 2024 10:35 AM (25 minutes)*

**Presenter:** PARALIEV, Martin (PSI)

**Session Classification:** Injection technologies and developments

Contribution ID: **19**

Type: **not specified**

## Diagnostics for injectors

*Friday, March 8, 2024 11:00 AM (25 minutes)*

**Presenter:** SCHLOTT, Volker (PSI)

**Session Classification:** Injection technologies and developments



Contribution ID: 22

Type: **not specified**

## **Summary: New injectors and modifications to old machines**

*Friday, March 8, 2024 11:25 AM (20 minutes)*

**Presenter:** KUSKE, Peter

**Session Classification:** Summary

Contribution ID: 23

Type: **not specified**

## Summary: Proposed and future injectors

*Friday, March 8, 2024 11:45 AM (20 minutes)*

**Presenter:** KALLESTRUP, Jonas (PSI)

**Session Classification:** Summary

Contribution ID: 24

Type: **not specified**

## **Summary: Injection technologies and developments**

*Friday, March 8, 2024 12:05 PM (20 minutes)*

**Presenter:** MARTIN, Ian (DLS)

**Session Classification:** Summary

Contribution ID: 25

Type: **not specified**

## Emittance exchange options

*Thursday, March 7, 2024 12:10 PM (25 minutes)*

**Presenter:** KALLESTRUP, Jonas (PSI)

**Session Classification:** New injectors and modifications to old machines

Contribution ID: 26

Type: **not specified**

## Beam instabilities in SOLEIL II booster

*Thursday, March 7, 2024 3:00 PM (25 minutes)*

**Presenter:** FOOSANG, Watanyu (SOLEIL)

**Session Classification:** Proposed and future injectors

Contribution ID: 28

Type: **not specified**

## Experience with BESSY booster multi-bunch feedback

*Thursday, March 7, 2024 11:45 AM (25 minutes)*

**Presenter:** MCATEER, Meghan (HZB)

**Session Classification:** New injectors and modifications to old machines

Contribution ID: 29

Type: **not specified**

## The new SOLEIL II MIK design

*Friday, March 8, 2024 9:00 AM (25 minutes)*

**Presenter:** ALEXANDRE, Patrick (SOLEIL)

**Session Classification:** Injection technologies and developments

Contribution ID: **30**

Type: **not specified**

## **Introduction talk: injection technologies**

*Friday, March 8, 2024 8:30 AM (30 minutes)*

**Presenter:** DRESSLER, Olaf (HZB)

**Session Classification:** Injection technologies and developments



Contribution ID: **31**

Type: **not specified**

## **Development status of the short-pulse striplines for PETRA IV**

*Friday, March 8, 2024 9:50 AM (25 minutes)*

**Presenter:** TENHOLT , Carmen (DESY)

**Session Classification:** Injection technologies and developments