

## **Session Program**

**29 June 2022 to 1 July 2022**



## **11th Workshop on Longitudinal Electron Bunch Diagnostics**

***Speed poster session***

# Wednesday 29 June

12:00

## Speed poster session: 1

**Session** | **Location:** CERLA, Cité scientifique 59655 Villeneuve d'Ascq Cedex

12:00–12:03 **EOD for FLASH2020+**

**Speaker**

Bernd Steffen

12:03–12:06 **Diversity EO at FLASH 2020+ : status of the table-top prototype**

**Speaker**

Quentin Demazeux

12:06–12:09

### **Complete phase space reconstruction from ultra-fast longitudinal bunch profile measurements**

**Speaker**

Stefan Funkner

12:09–12:12

### **Single-shot detection of THz waveforms using 1550 nm chirped pulses at the teraFERMI beamline**

**Speaker**

Eleonore Roussel

12:12–12:15

### **Single-Shot Time-Stretch Electro-Optic Sampling at the ELBE Coherent THz CDR Source**

**Speaker**

Christelle Hanoun

12:15–12:18

### **Time-stretch EO using low bandwidth ADCs and 1550 nm lasers: first tests at SOLEIL**

**Speaker**

Christelle Hanoun

12:18–12:21

### **Terahertz Sampling Rates With Photonic Time-Stretch for Electron Beam Diagnostics**

**Speaker**

Olena Manzhura

12:21–12:26

### **Electro-optical near-field bunch profile monitor concept for long bunches and high bunch charge at FCC-ee**

**Speaker**

Micha Reissig

12:26–12:29

### **Temporal diagnostics of X-ray free-electron laser pulses at MHz rates**

12:45

**Speaker**

Jia Liu

15:30

**Speed poster session: 2****Session** | **Location:** CERLA, Cité scientifique 59655 Villeneuve d'Ascq Cedex

15:30–15:33

**Bunch Length and Energy Characterization with the Synchrotron Radiation Monitor of the SwissFEL Bunch Compressor****Speaker**

Gian Luca Orlandi

15:33–15:36

**Coherent Radiation Diagnostics at EuXFEL and FLASH****Speaker**

Nils Lockmann

15:36–15:46

**THESTRAL: A High Granularity Monolithic THz Pixel Detector****Speaker**

Alexander Elsenhans

15:46–15:49

**KINGFISHER: Fast Machine Learning Inference for Autonomous Accelerator Systems****Speaker**

Luca Scomparin

15:49–15:52

**Global Longitudinal Beam-based Feedbacks with Distributed Detectors****Speaker**

Marie Kristin Czwalińska

15:52–15:55

**TWAC : THz wave accelerating cavity for compact accelerator****Speaker**

Dr Guillaume MARTINET

15:55–16:01

**Fermi recent advances: IR spectrometer for microbunching and EOS2****Speaker**

marco veronese

16:01