

PIER Day 2023

November 22nd, 2023, 11 a.m. – 6:30 p.m.

CFEL SR I-III and foyer

10:30 – 11 a.m. Registration and coffee
CFEL foyer

11 – 11:10 a.m. **Welcome by head of the PIER Executive Board**
CFEL SR I-III

- Francesca Calegari (DESY/UHH)

11:10 a.m. –
12:30 p.m. **Highlights from PIER Seed Projects**
CFEL SR I-III

- Ifey Alio (UHH): “Employing pathogenic multispecies biofilms as a model for studying the structural components of the extracellular matrix and the role of uncharacterized proteins in infection”
- Christoph Reinhardt (DESY): “Cryogenic pressure sensor for gas cooling of test masses for future gravitational wave detectors”
- Vincent Wanie (DESY): “High-repetition-rate ultraviolet beamline for high-statistic spectroscopy at the few-femtosecond timescale”

12:30 – 2:30 p.m. Lunch break & poster session
CFEL foyer

Poster session: Past and current PIER Seed Projects

12:45 – 2:15 p.m. **Closed session only for PIER Commission members: Annual PIER Commission meeting 2023**

2:30 – 3:30 p.m. **Joint research perspectives of DESY and UHH in specific fields**
CFEL SR I-III

- Quantum technologies & quantum computing (Henning Moritz (UHH) / Kai Rossnagel (DESY/CAU Kiel))
- Detector research (Ties Behnke (DESY))
- Biology, biomedicine and chemistry (Markus Glatzel (UKE) / Chis Meier (UHH))
- Materials research (Patrick Huber (DESY/TUHH), Wolfgang Parak (UHH))
- HIPACE (Francesca Calegari)

3:30 – 3:45 p.m.

Coffee break
CFEL foyer

3:45 – 3:55 p.m.

PIER PLUS: collaboration of Hamburg universities and non-university research institutions beyond Bahrenfeld research campus (tba)

3:55 – 4:45 p.m.

Bahrenfeld research campus: cutting-edge infrastructure meets excellent research

CFEL SR I-III

- PETRA IV as future core infrastructure on Bahrenfeld research campus (Harald Reichert, DESY)
- Planned joint UHH and DESY activities in the next round of the Excellence Strategy:
 - CUI/AIM (Klaus Sengstock tbc)
 - Quantum Universe (Erika Garutti, UHH)
 - Understanding Written Artefacts (Konrad Hirschler, UHH)
 - Infection Research (Marylyn Addo tbc)

4:45 – 5:30 p.m.

Panel discussion “Strong partners for science made in Hamburg: Future perspectives of joint DESY and Universität Hamburg activities in research”

CFEL SR I-III

Discussants:

- Helmut Dosch (Chairman of the DESY Board of Directors)
- Hauke Heekeren (President of Universität Hamburg)
- Norbert Ritter (Dean of the MIN Faculty of Universität Hamburg)
- Blanche Schwappach-Pignataro (Dean of the Medical Faculty of Universität Hamburg / University Medical Center Hamburg Eppendorf (UKE))

Moderator:

- Ralf Krauter

5:30 – 6:30 p.m.

Reception
CFEL foyer