

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**
Francesca Calegari (DESY/UHH)
CFEL SR I-III

11:10 a.m. –
12:30 p.m. **Highlights from PIER Seed Projects**
Chair: Daniela Pfannkuche (UHH)
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- Ifey Alio (UHH): “Insights into the biofilm lifestyle of the opportunistic pathogen *Stenotrophomonas maltophilia*”
- 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, UHH and UKE in specific fields**
Chair: Markus Glatzel (UKE)
CFEL SR I-III

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

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 (Hauke Heekeren, UHH)Chair: Francesca Calegari (DESY/UHH)
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3:55 – 4:45 p.m.

Bahrenfeld research campus: cutting-edge infrastructure meets excellent researchChair: Francesca Calegari (DESY/UHH)
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, UHH)
 - Quantum Universe (Erika Garutti, UHH)
 - Gateways to Health: How Pathogens Shape Global Life (Blanche Schwappach-Pignataro, UKE)
 - Understanding Written Artefacts (Konrad Hirschler, UHH)

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”

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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