



HICAPE

Kick-off Workshop HICAPE – The Start of a Journey

Friday, 5 December 2025, 8:30 – 14:00

FLASH seminar room (Bahrenfeld campus)

Program

8:30 – 9:00 Coffee & cookies

9:00 – 9:10 **Welcome**
Robert Feidenhans'l, Scientific Director of HICAPE

Introductory talks

9:10 – 9:30 **Hamburg: A unique place for Accelerators, Photonics and Entrepreneurship**
Wim Leemans (DESY)

9:30 – 9:50 **HICAPE a new collaborative center embedded in PIER Hamburg Bahrenfeld and beyond**
Francesca Calegari (DESY)

9:50 – 10:10 **Accelerator R&D in Hamburg: A success story of an outstanding cooperation of Universität Hamburg and DESY**
Wolfgang Hillert (UHH)

10:10 – 10:30 **Research with X-Ray Photons in HICAPE**
Thomas Tschentscher (EuXFEL)

10:30 – 11:00 Coffee break

Recent Highlights in Research

11:00 – 11:20 **True Lasing at European XFEL**
Patrik Rauer (DESY, previously EuXFEL)

11:20 – 11:40 **Human-AI-Robot Synergy for Accelerators**

Ke Li (UHH)

11:40 – 12:00 **Novel light sources for attosecond science (incl. Generation and application of few-femtosecond ultraviolet light pulses)**
Vincent Wanie (DESY)

12:00 – 12:20 **Plasma Acceleration at DESY**
Andreas Maier (DESY)

Entrepreneurship

12:20 – 12:35 **Photonics and Entrepreneurship**
Franz Kärtner (DESY)

12:35 – 12:50 **Impossible Founders**
Priyanka Shah (Impossible Founders)

12:50 – 13:05 **Class 5 Photonics**
Thomas Golz (Class 5 Photonics)

13:05 – 13:15 **Final remarks**
Robert Feidenhans'l

13:15 – 14:00 Wrap-up over refreshments