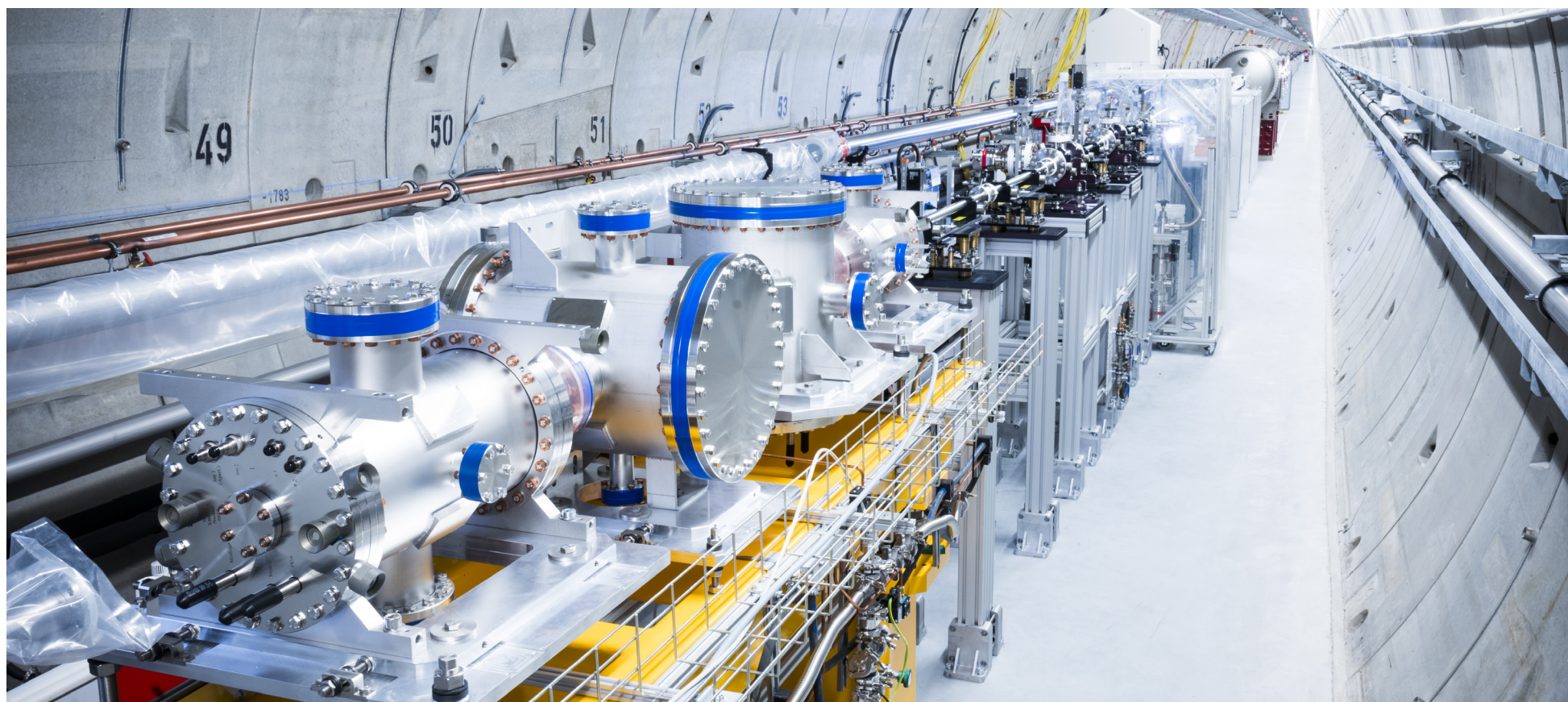


# PhotonDiag 2018

Workshop on FEL Photon Diagnostics,  
Instrumentation, and Beamlines Design



**Venue:** DESY & European XFEL  
Hamburg, Germany

**Date:** 17-19 September 2018

The 4th FELs OF EUROPE Workshop on FEL Photon Diagnostics, Instrumentation, and Beamline Design will be held in the Hamburg metropolitan area at DESY and European XFEL on 17-19 September 2018. Recent commissioning of the new hard X-ray FEL user facilities European XFEL, SwissFEL, and PAL-XFEL will present one emphasis of the workshop.

PhotonDiag2018 will focus on the following topics:

- **Photon beam diagnostic techniques** - measuring key properties of the FEL photon and electron beam
- **Time-related beam properties** - temporal characterisation of electron, FEL, and laser beams
- **FEL optics and beam transport** - preserving the special properties of ultra-short and -intense FEL pulses
- **Science instruments** - requirements of experiments on FEL source, X-ray optics, and diagnostics
- **Detectors & scientific computing for FEL experiments** - designs, challenges, and perspectives

## Registration information

**Abstract submission deadline:**  
1 July 2018

**Registration deadlines:**  
15 August 2018 (early bird)  
1 September 2018

**[photondiag2018.desy.de](http://photondiag2018.desy.de)**

## Programme Committee

Elke Plönjes (DESY)  
Kai Tiedtke (DESY)  
Jan Grünert (European XFEL)  
Thomas Tschentscher (European XFEL)  
Daniele Cocco (SLAC)  
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Stefan Möller (SLAC)  
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Marc Roper (STFC)  
Frank Siewert (HZB)  
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## Organising Team

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