

Biographical Sketch

Prof. Dr. Tais Gorkhover
Luruper Chaussee 149
22761 Hamburg, Germany

Highlights

- pioneered “**in-flight**” **holography** to overcome the phase loss problem in single particle coherent diffractive imaging with Linac Coherent Light Source, US (LCLS) [[Gorkhover et al. Nat. Phot. 2018](#)]
- expert in **time-resolved X-ray imaging** for highly non-equilibrium processes at the nanoscale with femtosecond time resolution using LCLS pulses [[Gorkhover et al. Nat. Phot. 2016](#)]
- **broad scientific background** in X-ray Free Electron Laser science ranging from ion, electron and X-ray light spectroscopy to coherent diffractive imaging and Bragg scattering. [[Gorkhover2012](#), [Schorb2012](#), [Ferguson2016](#), [MacDonald2016](#) and [other publications](#)]

Professional experience

Full Professor (W3) at University of Hamburg, Germany	from 2020
Panofsky Fellow, Stanford PULSE Institute/SLAC, US	2017 – 2020
Visiting Scientist, SLAC National Accelerator Laboratory, US	2014 – 2016
Peter-Ewald-Fellow, Technical University of Berlin, Germany	2014 – 2017

Education

Graduate studies, TU Berlin/ Germany and SLAC/US	2009 – 2014
<ul style="list-style-type: none">• Dr. rer. nat. degree, summa cum laude ("with distinction")	
Undergraduate studies in Sevilla Spain, TU Berlin, U Augsburg (Germany)	2002 – 2008

Awards and Fellowships

LCLS Young Investigator Award	2018
US Department of Energy Early Career Award	2018 - 2020
Panofsky fellowship (from SLAC national Laboratory)	2017 - 2020
Invitation to the 65th Lindau Nobel Laureate Meeting	2015
Peter-Ewald-Fellowship from the Volkswagen Foundation	2013 - 2017
Best Poster Prize at 503 rd WE-Heraeus-Seminar	2012
Heinrich-Böll Foundation “Begabtenförderung” Fellowship	2005 - 2007