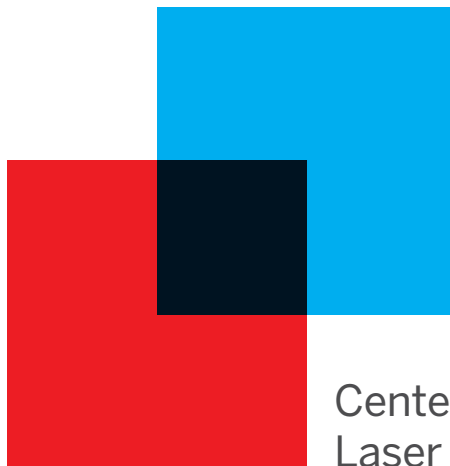


PIER Graduate Week 2024

Interdisciplinary lecture
and workshop week for
doctoral researchers



7-11 OCT 24

Center for Free-Electron
Laser Science, SR I-V



Partnership of
Universität Hamburg and DESY



Course Overview

Programme / registration:
pier-hamburg.de/gradweek2024

	Time	Course	Monday, 7 OCT	Tuesday, 8 OCT	Wednesday, 9 OCT	Thursday, 10 OCT
Morning sessions	09:00 – 10:30	/ Course 1: Modern Detector and Accelerator Technologies SR I-III	Andreas R. Maier, DESY Laser-Plasma Acceleration	Ingrid Gregor, DESY / Universität Bonn What you always wanted to know about detectors for Particle Physics	Heinz Graafsma, DESY Detector Technologies for Photon Science	Marc Wenskat, DESY RF Cavities - Backbone of Modern Accelerators
	10:30 – 11:00	Coffee break				
	11:00 – 12:30	/ Course 1: Modern Detector and Accelerator Technologies SR I-III	Andreas R. Maier, DESY Laser-Plasma Acceleration	Ingrid Gregor, DESY / Universität Bonn What you always wanted to know about detectors for Particle Physics	Heinz Graafsma, DESY Detector Technologies for Photon Science	Marc Wenskat, DESY RF Cavities - Backbone of Modern Accelerators
Afternoon sessions	12:30 – 14:00	Lunch break				
	14:00 – 15:30	/ Course 2: Scientific Computing with Python SR I-III	Wolfram Schmidt, Universität Hamburg Numerical Methods	Wolfram Schmidt, Universität Hamburg Numerical Methods	Hartmut Stadie, Universität Hamburg Statistical Methods and Data Analysis	Hartmut Stadie, Universität Hamburg Statistical Methods and Data Analysis
	15:30 – 16:00	Coffee break				
	16:00 – 17:30	/ Course 2: Scientific Computing with Python SR I-III	Wolfram Schmidt, Universität Hamburg Numerical Methods	Wolfram Schmidt, Universität Hamburg Numerical Methods	Hartmut Stadie, Universität Hamburg Statistical Methods and Data Analysis	Hartmut Stadie, Universität Hamburg Statistical Methods and Data Analysis
	17:30 – 18:00	Coffee break				

	Time	Course	Monday, 7 OCT	Tuesday, 8 OCT	Wednesday, 9 OCT	Thursday, 10 OCT
Evening sessions	18:00 – 20:00	/ Evening sessions	/ Scientific colloquium: Detlef Lohse, Max Planck Center Twente for Complex Fluid Dynamics, University of Twente The physics of soft condensed matter SR I-III Catering included	/ Industry talk: Murali Ganesa, PORSCHE DIGITAL Unraveling the transition from PhD to data science SR I-III Catering included	/ Poster session with barbecue CFEL foyer BBQ included	
		End of event				
Soft skills and career planning workshops between 1 - 15 October:						
Additional sessions on 1 - 15 Oct		/ Skills course A 11 Oct 9:00 am - 5:00 pm	Leadership Styles and Skills Rob Thompson SR IV CFEL			
		/ Skills course B 1 + 14 + 15 Oct 9:00 am - 12:00 pm	Visual Communication in Science Andreas Dahlin et al. online /remote			
		/ Skills course C 11 Oct 9:00 am - 11:00 am	Mini workshop "Find a Career that Fits" (+ individual career counselling sessions between 14-25 Oct): Annette Leemans Room 4a, building 1b DESY			
		/ Skills course D 11 + 14 + 15 Oct 9:00 am - 4:00 pm	Machine Learning with Python Alexander Britz, Ilona Lipp Venue: 11 Oct: online 14 + 15 Oct: Room 108, building 35 DESY			
End of event						