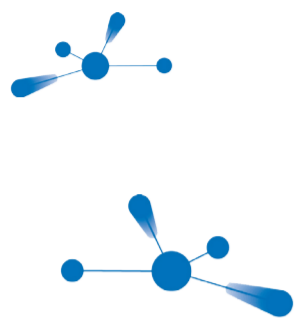


The Graduate Days of the Hamburg Centre for Ultrafast Imaging (CUI) offer courses that broaden the participants' knowledge of physics, chemistry, and biology and teach specialized practical skills. Furthermore, participants can interact closely with the lecturers thereby profiting from an exchange of ideas, know-how, and methodology.



Universität Hamburg

# The Graduate Days

## HAMBURG, MARCH 10-12, 2014

### of The Hamburg Centre for Ultrafast Imaging

#### VENUE

Science Campus Bahrenfeld  
Luruper Chaussee 149  
22761 Hamburg

Center for Free-Electron Laser Science  
(CFEL, Building 99)

Institute for Laser Physics  
(ILP, Bld. 69)

Centre for Optical  
Quantum Technologies  
(ZOO, Bld. 90)

#### CONTACT

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#### COURSE PROGRAMME

##### Morning Long Courses

Mo-We, 9:30-12:30

**Dr. Fabrizio Dolcini**

Department of Applied Science and Technology, Politecnico di Torino, Italy  
Superconductivity in mesoscopic systems

**Prof. Frédéric Merkt**

Laboratory of Physical Chemistry, ETH Zürich, Switzerland  
Molecular spectroscopy

**Prof. Horst Weller**

Fachbereich Chemie, Universität Hamburg, Germany  
Nanoparticles: From nucleation and growths to application and materials and life of sciences

##### Afternoon Short Courses

Mo-We, 16:00-17:30

**Dr. Manfred Mark**

Institute for Experimental Physics, Universität Innsbruck, Austria  
Ultracold physics in low dimensions

**Dr. Daniel Rolles**

Desy, Hamburg, Germany  
Gas phase molecules and FELs

**Dr. Michael Sprung and Dr. Leonard Müller**

Desy, Hamburg, Germany  
Modern methods of X-ray physics

##### Afternoon Short Courses

Mo-We, 14:00-15:30

**Prof. Louis Lyons**

Imperial College and University of Oxford, United Kingdom  
Practical statistics

**Ms. Kerstin Kathy Meyer-Ross**

Hochschule für Technik und Wirtschaft, Dresden, Germany  
Presentation skills

**Ms. Monica Schofield and Ms. Nina Stedman**

TuTech Innovation GmbH, Hamburg  
Scientific writing and writing for funds

##### Special Colloquium

CUI: Hitchhiker's Guide to Atom Gazing

**Prof. Dr. R.J. Dwayne Miller**

Universität Hamburg, Centre for Free Electron Laser Science and Max Planck Forschungsgruppe für Strukturelle Dynamik an der Universität Hamburg

Moderation: Prof. Dr. Heinrich Graener, Dean of MIN Faculty

Tuesday March 11 • 2014 • 18:00 • CFEL • Bld. 99 • Seminar room I-III

##### Industry Event

Industrial Innovation Management – Example Philips Hamburg

**Dr. Henning Fink and Dr. Ralf Behling**

Philips Medical Systems, Hamburg

Monday March 10 • 2014 • 18:00 • CFEL • Bld. 99 • Seminar room I-III



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DER FORSCHUNG | DER LEHRE | DER BILDUNG



Webpage:

For registration and more information see

[www.cui.uni-hamburg.de/en/graduate-days/](http://www.cui.uni-hamburg.de/en/graduate-days/)