



THE HAMBURG CENTRE FOR ULTRAFAST IMAGING

THE GRADUATE DAYS

HAMBURG, MARCH 13 – 16, 2017

Scientific course programme

MORNING LONG COURSES

Mon – Wed, 09:30 – 12:30

DR. DAVIDE ROSSINI

SCUOLA NORMALE SUPERIORE, PISA, ITALY

Many-body physics in open quantum systems
(Z00, Bld. 90, Seminar room, ground floor)

DR. HANS BEHRINGER

THE HAMBURG CENTRE FOR ULTRAFAST IMAGING AND
UNIVERSITÄT HAMBURG, HAMBURG, GERMANY

Introduction to molecular dynamics simulations
(CFEL, Bld. 99, Seminar rooms I-II, ground floor)

PROF. GERHARD NÄGELE

INSTITUTE OF COMPLEX SYSTEMS, ICS-3 AND
FORSCHUNGSZENTRUM JÜLICH GMBH, JÜLICH, GERMANY

Structure and dynamics of colloidal soft matter
(ILP, Bld. 69, Seminar room, ground floor)

Scientific course programme

AFTERNOON SHORT COURSES

Mon – Wed, 14:00 – 15:30

DR. CHRISTIAN OTT

MAX PLANCK INSTITUTE FOR NUCLEAR PHYSICS,
HEIDELBERG, GERMANY

Attosecond flashes of light: Illuminating electronic
quantum dynamics
(Z00, Bld. 90, Seminar room, ground floor)

PROF. STEVE MEECH

UNIVERSITY OF EAST ANGLIA, NORWICH, UNITED KINGDOM

Photodynamics in biomolecular systems
(CFEL, Bld. 99, Seminar rooms I-II, ground floor)

PROF. STEFAN EISEBITT

MAX-BORN-INSTITUTE, BERLIN, GERMANY

Ultrafast x-ray scattering and holography
(ILP, Bld. 69, Seminar room, ground floor)

COLLOQUIUM

104 YEARS OF CRYSTALLOGRAPHY:

WHAT HAS IT TAUGHT US AND WHERE WILL IT LEAD US?

PROF. ELSPETH GARMAN

UNIVERSITY OF OXFORD (UNITED KINGDOM) AND
CUI MILDRED DRESSSELHAUS GUEST PROFESSOR 2015,
UNIVERSITÄT HAMBURG (GERMANY)

The colloquium will take place on Tuesday, March 14, 2017,
at 17:00 at the Center for Free-Electron Laser Science in
the seminar rooms I-II-III (Bld. 99, ground floor).

Afterwards, food and beverages will be provided in the
foyer of the CFEL building (ground floor).

INDUSTRY EVENT

NXP SEMICONDUCTORS –

SECURE CONNECTIONS FOR A SMARTER WORLD

DR. ALEXANDER VAN STAA AND DR. JOHANNA BUSCH

NXP SEMICONDUCTORS GERMANY GMBH, HAMBURG, GERMANY

The presentation will take place on Wednesday, March
15, 2017, at 16:30 at the Center for Free-Electron Laser
Science in the seminar rooms I-II-III (Bld. 99, ground floor).

Afterwards, food and beverages will be provided in the
foyer of the CFEL building (ground floor).

Practical and soft-skills workshop programme

MORNING AND AFTERNOON WORKSHOPS

Thu, 09:30 – 17:00

BERND KLEIN

BODENSEE, SINGEN, GERMANY

Introduction into Python for scientists
(Physics Department, Jungiusstraße 9, 20355 Hamburg,
Pool room 3 (No. 302), third floor)

BODO P. KRAUSE-KYORA

UNIVERSITÄT HAMBURG, HAMBURG, GERMANY

Matlab: Introduction and real world use-cases for
measurements and simulation
(Physics Department, Jungiusstraße 9, 20355 Hamburg,
Pool room 1 (No. 306), third floor)

ROB THOMPSON

RTTA – SOFT SKILLS FOR REAL RESULTS, FRANKFURT, GERMANY

Communication – Negotiate – Resolve
(CFEL, Bld. 99, Room 02.104, second floor, in cooperation
with the PIER Helmholtz Graduate School)

DR. PETER SCHRÖDER

GOLIN WISSENSCHAFTSMANAGEMENT, HAMBURG, GERMANY

Project management throughout the doctorate: From
conception to implementation everything under control
(CFEL, Bld. 99, Seminar room IV, first floor)

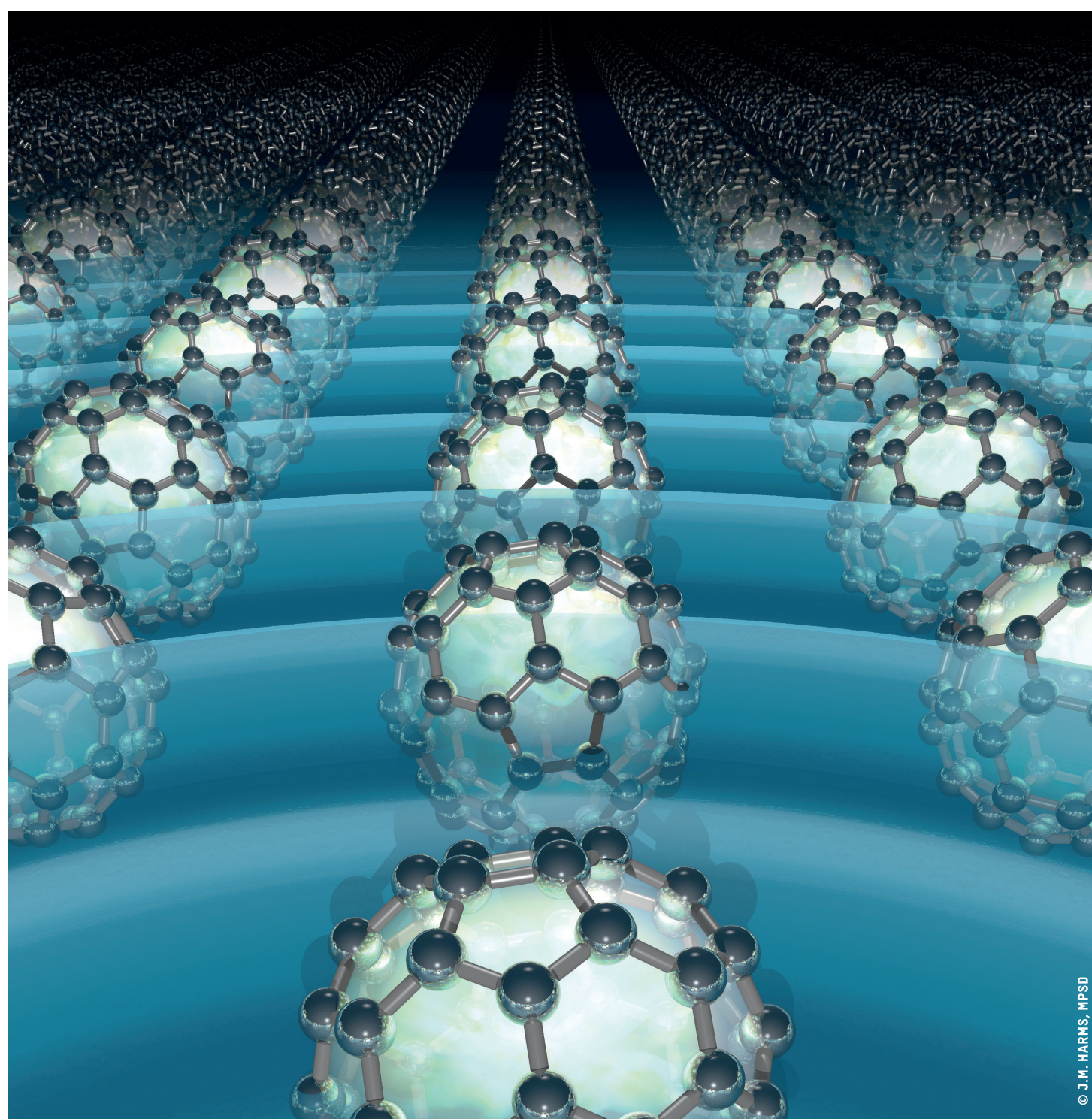
DR. SIMON GOLIN

GOLIN WISSENSCHAFTSMANAGEMENT, HAMBURG, GERMANY

Project management in academia: From conception to
implementation everything under control
(CFEL, Bld. 99, Seminar room V, first floor)

The Graduate Days of the Hamburg Centre for Ultrafast Imaging represent a platform where students and postdocs can expand their general knowledge and deepen their understanding of special topics and methods. Furthermore, they can interact closely with the lecturers thereby profiting from an exchange of ideas, know-how, and methodology.

We warmly invite students from Hamburg as well as any other institutions to attend the Graduate Days 2017.



FOR REGISTRATION AND MORE INFORMATION SEE
[HTTP://WWW.CUI.UNI-HAMBURG.DE/EN/GRADUATE-SCHOOL/](http://www.cui.uni-hamburg.de/en/graduate-school/)

VENUE

SCIENCE CAMPUS BAHRENFELD

Luruper Chaussee 149, 22761 Hamburg
Center for Free-Electron Laser Science (CFEL, Bld. 99),
Institut für Laserphysik (ILP, Bld. 69) and Zentrum für
Optische Quantentechnologien (Z00, Bld. 90)

CONTACT

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