



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG



MARCH 18 – 21, 2019

GRADUATE DAYS

SCIENTIFIC LECTURES LONG COURSE

LIGHT-MATTER QUANTUM
INTERFACES: OPTOMECHANICS
AND CHIRAL QUANTUM OPTICS

**PROF. KLEMENS HAMMERER
AND DR. SAHAND
MAHMOODIAN**

*Mon-Wed, 09:30-12:30
ZOQ, building 90, seminar room,
ground floor*

2D-IR SPECTROSCOPY:
PROTEIN DYNAMICS,
ULTRAFAST STRUCTURE DETER-
MINATION AND STEERING
PHOTOCHEMISTRY

PROF. JENS BREDENBECK

*Mon-Wed, 09:30-12:30
CFEL, building 99, seminar room I,
ground floor*

DENSITY FUNCTIONAL THEORY

DR. KLAAS GIESBERTZ

*Mon-Wed, 09:30-12:30
CFEL, building 99, seminar room II,
ground floor*

SCIENTIFIC LECTURES SHORT COURSE

POLARON PHYSICS IN
ULTRACOLD ATOMS AND
SOLID-STATE MATERIALS

DR. RICHARD SCHMIDT

*Mon-Wed, 14:00-15:30
ZOQ, building 90, seminar room,
ground floor*

FEMTOCHEMISTRY AND
SURFACE PHYSICS

PROF. WILFRIED WURTH

*Mon-Wed, 14:00-15:30
CFEL, building 99, seminar room I,
ground floor*

CELLULAR IMAGING AND
NANOANALYTICS TO STUDY
NEURODEGENERATION:
FROM NANOMECHANICAL
SENSORS TO SINGLE CELL
VISUAL PROTEOMICS

DR. THOMAS BRAUN

*Mon-Wed, 14:00-15:30
CFEL, building 99, seminar room II,
ground floor*

PRACTICAL AND SOFT SKILLS

MACHINE LEARNING IN
PYTHON: A STEP-BY-STEP
HANDS-ON INTRODUCTION

BERND KLEIN

*Thu, 09:30-17:00
building 61, Rechnerraum/CIP-Pool,
ground floor*

MULTIDIMENSIONAL DATA
ANALYSIS WITH MATLAB

PROF. GERWALD LICHTENBERG

*Thu, 09:30-17:00
building 3, room 3, ground floor*

SCIENTIFIC PRESENTATION SKILLS

DR. ANDREW WOLD

*Thu, 09:30-17:00
CFEL, building 99, seminar room IV (O1.111),
first floor*

OPTIONS FOR THIRD PARTY
FUNDING AND HOW TO APPLY

**DR. WOLFGANG RÖHR AND
DR. SABINE BAARS**

*Thu, 09:30-12:30
CFEL, building 99, seminar room I,
ground floor*

COLLOQUIUM INDUSTRY

NEW PERSPECTIVES ON
QUANTUM GEOMETRY,
SUPERCONDUCTIVITY AND
BOSE-EINSTEIN CONDENSATION

PROF. PÄIVI TÖRMÄ

*Tue, 17:00
CFEL, building 99, seminar rooms I-II-III,
ground floor*

QUANTUM TECHNOLOGIES:
FROM BASIC RESEARCH
TO INDUSTRY

DR. STEPHAN RITTER

*Wed, 16:30
CFEL, building 99, seminar rooms I-II,
ground floor*

Registration and more information:
www.cui.uni-hamburg.de/en/graduate-days