

MARCH 19 – 22, 2018

GRADUATE DAYS

SCIENTIFIC LECTURES LONG COURSE

QUANTUM OPTIMAL CONTROL
OF MOLECULAR PROCESSES
PROF. REGINA DE VIVIE-RIEDLE
*Ludwig-Maximilian-Universität München,
Department of Chemistry, Germany*

FROM SINGLE MOLECULES
TO FUNCTIONAL BIOMATERIALS
DR. COSTANZE LAMPRECHT
*Universität Freiburg and Freiburg Center
for Interactive Materials, Germany*

WATER: THE MOST
ANOMALOUS LIQUID
**PROF. ANDERS NILSSON &
DR. FOIVOS PERAKIS**
*Stockholm University, Department
of Physics, Sweden*

SCIENTIFIC LECTURES SHORT COURSE

TOPOLOGICAL MATTER:
A JOURNEY FROM SOLID STATE TO
SYNTHETIC QUANTUM SYSTEMS
DR. MARCELLO DALMONTE
*The Abdus Salam International Centre
for Theoretical Physics, Trieste, Italy*

DRUG DELIVERY SYSTEMS
FOR ANTIMICROBIALS
PROF. HANNE MØRCK NIELSEN
*University of Copenhagen, Department
of Pharmacy, Denmark*

MACROSCOPIC ASSEMBLIES
OF NANOCRYSTALS AND THEIR
APPLICATIONS
PROF. ALEXANDER EYCHMÜLLER
*Technische Universität Dresden,
Department of Chemistry and Food
Chemistry, Germany*

PRACTICAL AND SOFT SKILLS

INTERCULTURAL COMPETENCE
CHANTAL ROSE
*Jugendbildung Hamburg gGmbH,
Hamburg, Germany*

FINDING CONNECTIONS:
BUILDING A NETWORK FOR
CAREER AND COLLABORATIONS
ROB THOMPSON
*RTTA – Soft skills for real results,
Frankfurt, Germany*

SCIENCE COMMUNICATION
– TO THE PUBLIC, INSIDE YOUR
FIELD AND THE BENEFITS
DR. ANDRÉ LAMPE
*Laser physicist – Moderator –
Science communicator, Berlin, Germany*

MATLAB: INTRODUCTION
AND REAL WORLD USE-CASES
FOR MEASUREMENTS AND
SIMULATION
BODO P. KRAUSE-KYORA
Universität Hamburg, Germany

ADVANCED PYTHON
TECHNIQUES AND MACHINE
LEARNING
BERND KLEIN
Bodensee, Singen, Germany

COLLOQUIUM / INDUSTRY

MOLECULAR SYSTEMS
ENGINEERING WITH DNA
PROF. HENDRIK DIETZ
*Technische Universität München,
Department of Physics, Germany*

OUT OF THIN AIR
DR. ALINA CHANAWEA
*Skytree, Amsterdam,
The Netherlands*

REGISTRATION AND
MORE INFORMATION:
www.cui.uni-hamburg.de/en/graduate-days

