

CECAM School on

AB INITIO QEDFT



Organized by: Michael Ruggenthaler
Simone Latini
Angel Rubio

APR 15-19 2024
LAUSANNE



Topics

- Fundamentals of QED
- QED Density Functional Theories
- QED Coupled Cluster Theories
- QED Response Theories
- Macroscopic-QED
- Time-Dependent Maxwell-DFT Theory
- Hands-on Cavity Material Engineering



LECTURERS

Angel Rubio (MPSD)
Dominik Sidler (PSI Zürich & MPSD)
Enrico Ronca (University of Perugia)
Frieder Lindel (Albert-Ludwigs-Universität Freiburg)
Heiko Appel (MPSD)
I-Te Lu (MPSD)
Mark Kamper Svendsen (MPSD)
Markus Penz (OsloMet & MPSD)
Michael Ruggenthaler (MPSD)
Nora Hoffman (New York University)
Simone Latini (Technical University of Denmark)



CECAM Headquarter,
Avenue François-Alphonse Forel 2, 1015 Lausanne, Switzerland

CONTACTS

simola@dtu.dk
michael.ruggenthaler@mpsdp.mpg.de
angel.rubio@mpsdp.mpg.de

APPLY

