

TEACHING

CAROLINE LASSER

OCTOBER 2, 2018

Technische Universität München, 2012–2018

- SS 2018 Lecture *Einführung in die Mathematik II*
Lecture *Quantum Dynamics III*
Seminar *Quantum Control*
Workshop *Komplexe Zahlen und Funktionen*
- WS 2017/18 Lecture *Einführung in die Mathematik I*
Lecture *Quantum Dynamics II*
Seminar *Quantum Theory for Mathematicians*
- SS 2017 Lecture *Linear Algebra II for teachers*
Lecture *Quantum Dynamics*
Seminar *Classical Mechanics*
- WS 2016/17 Lecture *Linear Algebra I for teachers*
Lecture *Elements of Harmonic Analysis*
Seminar *Markov chain Monte Carlo methods* (with Gantert)
- SS 2016 Lecture *Linear Algebra II for teachers*
Lecture *Wavelets*
Seminar *Matrix theory*
- WS 2015/16 Lecture *Linear Algebra I for teachers*
Lecture *Monte Carlo Methods*
Seminar *Early Fourier Analysis*
- SS 2015 Lecture *Numerical Programming II*
Supplements for *Introduction to Mathematics for Teachers II*
Workshop *One Mathematician, one Proof*
- WS 2014/15 Lecture *Numerical Programming I*
Supplements for *Introduction to Mathematics for Teachers I*
- WS 2013/14 Lecture *Linear Algebra I for teachers*
Seminar *Simple Monte Carlo algorithms*
Seminar *Geometric Numerical Integration*
- SS 2013 Lecture *Linear Algebra II for teachers*
Seminar *Mechanics: classical and beyond*
- WS 2012/13 Lecture *Linear Algebra I for teachers*
Seminar *Wavelet Analysis*
- SS 2012 Lecture *Numerical Programming II*
Seminar *Breaking the Worst Case* (with Bornemann)
Proseminar *Fourier Series* (with Deiser)

(WS abbreviates winter semester, SS summer semester)

Technische Universität München, 2010–2011

- WS 2011/12 Lecture *Numerical Programming I*
 Lecture *Case Studies in Numerics (Quantum Dynamics)*
 Seminar *Approximation Theory and Practice*
- SS 2011 Lecture *Numerik*
 Proseminar *Benford's Law*
- WS 2010/11 Lecture *Numerical Programming I*
 Proseminar *Eigenvalues in finite dimensions*
 Seminar *Electronic wave functions* (with Bornemann)
- SS 2010 Lecture *Monte Carlo Methods*

Freie Universität Berlin, 2005–2009

- WS 2009/10 Lecture *Linear Algebra II for teachers*
 Seminar *Mathematics for quantum mechanics*
- SS 2009 Lecture *Functional Analysis II*
 Seminar *Introduction to stochastic differential equations*
- WS 2008/09 Lecture *Functional Analysis I*
 Seminar *Stochastic methods of applied mathematics*
- SS 2008 Lecture *Stochastics II*
 Seminar *Quantum dynamics in semiclassical approximations*
- WS 2006/07 Lecture *Mathematical introduction to quantum dynamics*
- WS 2005/06 Seminar *Visual quantum mechanics* (with Hege & Jahnke)