

Teaching Activities

Roland Donniger

Courses

Topics Course Analysis

Summer Term 2019 (4 hrs/week), University of Vienna

MCMP Seminar

Summer Term 2019 (2 hrs/week), University of Vienna, with David Fajman

Seminar Geometry of Black Holes

Summer Term 2019 (2 hrs/week), University of Vienna, with Andreas Cap

Bachelor Seminar

Summer Term 2019 (4 hrs/week), University of Vienna, with Jose Romero

Seminar Functional Analysis

Winter Term 2018 (2 hrs/week), University of Vienna, with Gerald Teschl

Übungen zu Höhere Analysis und Differentialgeometrie

Winter Term 2018 (4 hrs/week), University of Vienna

Dispersive wave equations

Summer Term 2018 (4 hrs/week), University of Vienna

Fourieranalysis

Winter Term 2017 (3 hrs/week), University of Vienna

Übungen zu Fourieranalysis

Winter Term 2017 (1 hr/week), University of Vienna

Seminar Functional Analysis

Winter Term 2017 (2 hrs/week), University of Vienna, with Gerald Teschl

Selected Topics in Analysis and PDE – Dispersive Wave Equations

Winter Term 2016 (2 hrs/week), University of Bonn

Master Thesis Seminar

Summer Term 2016 (2 hrs/week), University of Bonn

Graduate Seminar on Advanced Topics in PDE

Summer Term 2016 (2 hrs/week), University of Bonn, with Herbert Koch and Christoph Thiele

Selected Topics in Analysis and PDE

Winter Term 2015 (2 hrs/week), University of Bonn

Master Thesis Seminar

Winter Term 2015 (2 hrs/week), University of Bonn

Graduate Seminar on Advanced Topics in PDE

Winter Term 2015 (2 hrs/week), University of Bonn, with Herbert Koch and Christoph Thiele

Graduate Seminar on Analysis

Summer Term 2015 (2 hrs/week), University of Bonn, with Herbert Koch

Graduate Seminar on Advanced Topics in PDE

Summer Term 2015 (2 hrs/week), University of Bonn, with Herbert Koch and Christoph Thiele

Graduate Seminar on Advanced Topics in PDE

Winter Term 2014 (2 hrs/week), University of Bonn, with Herbert Koch and Christoph Thiele

Exercises Elliptic partial differential equations

Summer Term 2014 (2 hrs/week), EPF Lausanne

Exercices Analyse I pour Génie Mécanique

Winter Term 2013 (2 hrs/week), EPF Lausanne

Exercises Elliptic partial differential equations

Summer Term 2013 (2 hrs/week), EPF Lausanne

Exercises Elliptic partial differential equations

Summer Term 2012 (2 hrs/week), EPF Lausanne

Exercises Measure theory and integration

Winter Term 2011 (2 hrs/week), EPF Lausanne

Exercises Partial differential equations

Summer Term 2011 (2 hrs/week), EPF Lausanne

Scientific computing

Summer Term 2008 (2 hrs/week), University of Vienna, with Michael Pürer

Theoretisch-physikalisches Praktikum (Computermethoden)

Winter Term 2007 (2 hrs/week), University of Vienna, with Michael Pürer

Theoretisch-physikalisches Praktikum (Computermethoden)

Summer Term 2007 (2 hrs/week), University of Vienna, with Michael Pürer

Theoretisch-physikalisches Praktikum (Computermethoden)

Winter Term 2006 (2 hrs/week), University of Vienna, with Michael Pürer

Theoretisch-physikalisches Praktikum (Computermethoden)

Summer Term 2006 (2 hrs/week), University of Vienna, with Michael Pürrer

Theoretisch-physikalisches Praktikum (Computermethoden)

Winter Term 2005 (2 hrs/week), University of Vienna, with Michael Pürrer

Proseminar Höhere Analysis für LAK

Winter Term 2005 (2 hrs/week), University of Vienna

Theoretisch-physikalisches Praktikum (Computermethoden)

Summer Term 2005 (2 hrs/week), University of Vienna, with Michael Pürrer

Proseminar Wahrscheinlichkeitstheorie für LAK

Summer Term 2005 (2 hrs/week), University of Vienna

Theoretisch-physikalisches Praktikum (Computermethoden)

Winter Term 2004 (2 hrs/week), University of Vienna, with Michael Pürrer

Supervision of Theses

Bachelor's Thesis “Der Differentialformenkalkül und Elektrodynamik” by David Schaubmair, University of Vienna, 2019

Bachelor's Thesis “Der Begriff des Hilbertraums in der Quantenmechanik” by Ines Gabler, University of Vienna, 2019

Bachelor's Thesis “Drehimpuls in der Quantenmechanik” by Elias Liedl, University of Vienna, 2019

Master's Thesis “Blowup for the Klein-Gordon equation” by David Wallauch, University of Vienna, 2019 (ongoing)

Bachelor's Thesis “The wave equation” by Aymane Amine, University of Vienna, 2019

Bachelor's Thesis “Littlewood's three principles” by Jakob Holböck, University of Vienna, 2019

PhD Thesis “Stable blow-up for the wave maps and the cubic wave equation” by Athanasios Chatzikaleas, University of Bonn, 2018

Bachelor's Thesis “Hardy-Littlewood Maximalfunktion” by Alina Kadluba, University of Vienna, 2018

Bachelor's Thesis “Hardy's Inequality” by Luigi Roberti, University of Vienna, 2018

Bachelor's Thesis “Der eindimensionale quantenmechanische harmonische Oszillator” by Benjamin Lux, University of Vienna, 2018

Bachelor's Thesis “Der Minkowski Raum” by Bernhard Berger, University of Vienna, 2018

- Bachelor's Thesis** “Fourier Restriction” by Josef Greilhuber, University of Vienna, 2018
- PhD Thesis** “Strichartz Estimates in Similarity Coordinates” by Ziping Rao, University of Vienna, 2017 (ongoing)
- Master's Thesis** “Spectral Properties of Schrödinger-Type Operators” by Thomas Boddendorfer, University of Bonn, 2017
- Master's Thesis** “Time-like Minimal Surfaces in Minkowski Space” by Ziping Rao, University of Bonn, 2016
- Bachelor's Thesis** “Volterra Iteration and Applications” by Alexandra Shamraeva and Anassé N'Cho, EPF Lausanne, 2014
- PhD Thesis** “Stable blow up dynamics for the radial wave equation with focusing power type nonlinearities” by Birgit Schörkhuber, co-advised with Ansgar Jüngel, TU Vienna, 2013
- Bachelor's Thesis** “La méthode du point col (The method of steepest descent)” by Jonathan Droxler, EPF Lausanne, 2011
- Master's Thesis** “Nonlinear wave equations” by Jonathan Rochat, co-advised with Joachim Krieger, EPF Lausanne, 2011
- Master's Thesis** “Linear stability for self-similar wave maps” by Birgit Schörkhuber, co-advised with Peter C. Aichelburg, University of Vienna, 2010