

VORTRÄGE

Donnerstag, 28. April 2022 16:00 bis 17:30

16.00 Uhr: Kaffeejause

16.30 Uhr: Vortrag

SKY LOUNGE

Asymptotic stability and soliton resolution for evolution PDEs

Wilhelm Schlag (Department of Mathematics, Yale U)

Mathematisches Kolloquium

Abstract:

This talk will be a survey of results pertaining to the long-term dynamics of evolution partial differential equations. The emphasis lies on basic notions and results from dynamical systems, such as invariant manifolds and omega limit set. While these notions are directly applicable to dissipative PDEs, Hamiltonian PDEs do not fall under the scope of classical convergence theorems. Nevertheless, recent results on the soliton resolution problem for wave maps draw on ideas from dynamical systems in the form of one-pass type theorems. We will discuss some of these developments.

Org.: R.I. Bot, R. Donninger

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2021_22/Einladung_MathKoll_Schlag.pdf

<https://mathematik.univie.ac.at/eventsnews/mathematisches-kolloquium/>

Montag, 25. April 2022 09:45 bis Freitag, 29. April 2022 11:45

OMP 1

VSM Mini-Course: Introduction to the Mathematics of String Theory

Pavel Safronov (University of Edinburgh)

VSM Mini-Course

Org.: Vienna Doctoral School of Mathematics

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2021_22/String_Theory.pdf

<https://www.vsmath.at/academics/mini-courses/>

Montag, 25. April 2022 15:00 bis 16:30

SR 10 (2ND FLOOR)

Fusion frames – motivation, applications and open problems

Lukas Köhldorfer (Acoustics Research Institute)

Lukas Köhldorfer

Org.: M. Faulhuber and K. Gröchenig

https://mathematik.univie.ac.at/eventsnews/nachrichtenvolldarstellung/news/fusion-frames-motivation-applications-and-open-problems/?no_cache=1&tx_news_pi1%5Bcontroller%5D=News&tx_news_pi1%5Baction%5D=detail&cHash=be4f74250f4c44469693ca0040d45950

<https://univiennea.zoom.us/j/69300051545?pwd=WENsSnpuSlRMTdpWlFyRnUrUHp1dz09>

Montag, 25. April 2022 16:00 bis 17:00

ESI, SCHRÖDINGER LECTURE HALL, BOLTZMANNGASSE 9, 1090 VIENNA

Mini-Lecture Series on Waves III: Global blow-up analysis for wave equations

Matthias Ostermann

MCMP Seminar

Org.: MCMP Seminar

Dienstag, 26. April 2022 10:00 bis 11:00

SR 10, 2. OG., OMP 1

Extension operators for some ultraholomorphic classes defined by sequences of rapid growth

Javier Jiménez-Garrido (Universidad de Cantabria, Spain)

Vortrag

Org.: G. Schindl

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2021_22/talk_april_2022_abstract.pdf

Dienstag, 26. April 2022 13:15 bis 14:45

SR 10, 2. OG., OMP 1

TBA

Peiyi Cui (University of Vienna)

Seminar "Representation Theory and Automorphic Forms"

Org.: H. Grobner, A. Minguez-Espallargas, A. Mellit

Dienstag, 26. April 2022 14:00 bis 15:00

FAKULTÄT FÜR PHYSIK, ERWIN SCHRÖDINGER-HÖRSAAL, BOLTZMANNNG. 5, 5. ST., 1090 WIEN

Probing relativistic gravity with radio astronomy

Michael Kramer (MPG Bonn)

Joint Theory Seminar

Org.: TU Wien; Mathematische Physik; Gravitationsphysik

Dienstag, 26. April 2022 15:00 bis 17:00

ZOOM

Random character varieties

Emmanuel Breuillard (U Oxford)

Geometry and Analysis on Groups Seminar

Org.: G. Arzhantseva, Ch. Cashen, Y. Lodha

https://mathematik.univie.ac.at/forschung/seminare/geometry-and-analysis-on-groups-research-seminar/?no_cache=1

<https://univienne.zoom.us/j/61386912732>

Dienstag, 26. April 2022 15:00 bis 16:30

SR 10, 1. STOCK, KOLING. 14-16, 1090 WIEN SR 10, 1. STOCK, KOLING. 14-16, 1090 WIEN

The isomorphism relation of unsuperstable theories in the generalized Borel-reducibility hierarchy

M. Moreno (U Wien)

KGRC SE

Org.: KGRC

Dienstag, 26. April 2022 15:15 bis 16:45

TU WIEN, FREIHAUS, TURM A, 8. STOCK, DISSERTANTENRAUM

Phase transitions of composition schemes: Mittag-Leffler and mixed Poisson distributions

Michael Wallner (TU Wien)

AG Diskrete Mathematik

Org.: M. Drmota

<http://www.dmg.tuwien.ac.at/nfn/agdm.html>

Mittwoch, 27. April 2022 14:00 bis 17:30

IST AUSTRIA, HEINZEL SR / GROUND FLOOR, OFFICE BLDG WEST (I21.EG.101)

Budapest-Vienna Probability Seminar

Herbert Spohn (TU München), Mathias Beiglböck (U Vienna), Gabor Pete (Renyi Institute; TU Budapest)

Org.: Budapest Vienna Probability Seminar

<https://sites.google.com/view/budapest-vienna-proba-semi/home>

Mittwoch, 27. April 2022 15:00 bis 15:30

ZOOM MEETING

Fluctuations around the mean-field limit with moderately interacting particles

Alexandra Holzinger (TU Wien)

PDE Aftersnoon

Org.: SFB 65, DK

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2021_22/pde_afternoon_2022-04-27.pdf

<https://sfb65.univie.ac.at/#!/public/events/details/?type=1&id=655>

Mittwoch, 27. April 2022 18:00 bis 19:00

ZOOM MEETING

Explaining Neural Network Classifiers: Hurdles and Progress

Stephan Wäldchen (TU Berlin)

One World Seminar on the Mathematics of Machine Learning

Org.: P. Petersen

<https://www.oneworldml.org/>

Donnerstag, 28. April 2022 15:00 bis 15:45

HS 13, 2. OG., OMP 1

TBA

T. Kaiser (U Passau, DE)

KGRC SE

Org.: KGRC

Donnerstag, 28. April 2022 15:00 bis 16:00

SEMINARRAUM A - WÄHRINGER STRASSE 17, 2. STOCK

A physicist's perspective on BMS symmetries

Laura Donnay (TU Wien)

Vortrag

Org.: Gravitationsphysik

Freitag, 29. April 2022 14:00 bis 15:00

HS 13, 2. OG., OMP 1

Bratteli diagrams and their generalizations

Olena Karpel (AGH Krakow)

Arbeitsgemeinschaft Ergodentheorie

Org.: H. Bruin, R. Zweimüller

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Abstract_Karpel.pdf

Freitag, 29. April 2022 15:15 bis 16:15

HS 13, 2. OG., OMP 1

Typical properties of interval maps preserving the Lebesgue measure

Jozef Bobok (Czech Technical U, Prague)

Arbeitsgemeinschaft Ergodentheorie

Org.: H. Bruin, R. Zweimüller

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Abstract_Bobok.pdf

Freitag, 29. April 2022 17:00 bis 18:00

HS 13, 2. OG., OMP 1

Quenched linear response for expanding on average cocycles

Julien Sedro (LPSM, Paris)

Arbeitsgemeinschaft Ergodentheorie

Org.: H. Bruin, R. Zweimüller