

VORTRÄGE

Kaffeejause 15:45

Mittwoch, 21. November 2018 16:15 bis 17:15, Sky Lounge, 12. OG, OMP 1

Mathematisches Kolloquium: Habib Ammari (ETH Zürich): "Subwavelength resonances: From Super-resolution to Metamaterials"

Org: O. Scherzer, Ch. Krattenthaler

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/20181121_HabibAmmari.pdf

Abstract: In this lecture, the speaker will review recent results on subwavelength resonances. His main focus is on developing a mathematical and computational framework for their analysis. By characterizing and exploiting subwavelength resonances in a variety of situations, he constructs a unified theory of super-focusing of waves, double-negative metamaterials, and controlling wave propagation at the subwavelength scale. Super-resolution and metamaterials are usually studied within the context of different approaches. Remarkably, as will be shown in this lecture, they owe their origin to the same underlying physical mechanism, namely, wave interaction with a subwavelength resonator.

Im Anschluss: vinum cum pane

Montag, 19. November 2018 09:00 bis Freitag, 23. November 2018 15:30, ESI, Boltzmann Lecture Hall, Boltzmannngasse 9/2, 1090 Wien

Masterclass - Thematic Programme: "Bivariant K-theory in Geometry and Physics"

Org: Alan Carey (ANU, Canberra), Harald Grosse (U Vienna), Bram Mesland (U Bonn), Adam Rennie (U Wollongong), Walter van Suijlekom (Radboud U Nijmegen)

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/CSR_Masterclass.pdf

<https://www.esi.ac.at/activities/events/2018/bivariant-k-theory-in-geometry-and-physics>

Dienstag, 20. November 2018 13:00 bis 14:30, SR 12, 2. OG, OMP 1

SE Bernstein-Sato polynomials and D-modules: (C. Novarini): "Holonomic modules and the Bernstein-sato functional equation II"

Org: H. Hauser

Dienstag, 20. November 2018 13:45 bis 14:30, Fakultät für Physik, Erwin Schrödinger-Hörsaal, Boltzmannng. 5, 5. St., 1090 Wien

SE Mathematische Physik (Joint TU/UV Theory Seminar): Céline Zwikel (TU Wien): "Asymptotic symmetries of three-dimensional black strings"

Org: S. Fredenhagen, D. Grumiller, D. Erkiner, R. Wutte

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/Seinareinladung_Mathematik_Zwikel_20NOV2018.pdf

Dienstag, 20. November 2018 15:00 bis 17:00, SR. 8, 2. OG, OMP 1

Geometry and Analysis on Groups Research Seminar: Matthew Tointon (University of Cambridge): "Growth, isoperimetry and resistance in finite vertex-transitive graphs"

Org: G. Arzhantseva, Ch. Cashen

<https://www.mat.univie.ac.at/~gagt/abstracts/181120.html>

Dienstag, 20. November 2018 15:15 bis 16:45, Dissertantenraum, Freihaus, Turm A, 8. OG., Wiedner Hauptstr. 8-10, 1040 Wien

AG Diskrete Mathematik: Lukas Andritsch (Univ. Graz): "Perfect k -colored matchings and $k+2$ -gonal tilings"

Org: M. Drmota

Dienstag, 20. November 2018 15:30 bis 16:30, BZ 2, 2. OG., OMP 1

SE VPS: Atul Shekhar (KTH): "On the continuity of the Loewner Map"

Org: M. Beiglböck, N. Berestycki, L. Erdős, J. Maas

<https://mathematik.univie.ac.at/forschung/stochastik-und-finanzmathematik/forschungsgruppe/vienna-probability-seminar/>

Dienstag, 20. November 2018 16:15 bis 17:00, Fakultät für Physik, Erwin Schrödinger-Hörsaal, Boltzmannng. 5, 5. St., 1090 Wien

SE Teilchenphysik: Verena Kain (CERN, Schweiz): "Prospects for the LHC and the CERN accelerator complex post 2020"

Org: H. Neufeld

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/Se_minareinladungTeilchenphysik_Kain_20November2018.pdf

Dienstag, 20. November 2018 17:00 bis 18:00, BZ 2, 2. OG., OMP 1

SE VPS: Mo Dick Wong (Universität Wien): "Fusion estimates in Gaussian multiplicative chaos"

Org: M. Beiglböck, N. Berestycki, L. Erdős, J. Maas

<https://mathematik.univie.ac.at/forschung/stochastik-und-finanzmathematik/forschungsgruppe/vienna-probability-seminar/>

Mittwoch, 21. November 2018 11:30 bis 13:00, SR. 8, 2. OG, OMP 1

SE NuHAG: Mads Sielemann Jakobsen (Department of Mathematical Sciences, Norwegian University of Science and Technology): "Gabor frames on the adeles"

Org: KH. Gröchenig

Mittwoch, 21. November 2018 14:00 bis 14:45, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS 2. OG., 1040 Wien

PDE Afternoon: Rita A. Ferreira (KAUST, Saudi Arabia): "Existence of weak solutions to first-order stationary Mean-Field Games with Dirichlet conditions"

Org: DK, FSB

<https://www.univie.ac.at/sfb65/#!/public/events/details/?type=1&id=152>

Mittwoch, 21. November 2018 15:00 bis 15:45, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS 2. OG., 1040 Wien

PDE Afternoon: Miroslav Bulíček (Charles University, Prague, Czech Republic): "PDE analysis of a class of thermodynamically compatible viscoelastic compressible and incompressible rate-type fluids with stress-diffusion"

Org: DK, FSB

<https://www.univie.ac.at/sfb65/#!/public/events/details/?type=1&id=153>

Mittwoch, 21. November 2018 15:00 bis 15:45, ESI, Boltzmann Lecture Hall, Boltzmannngasse 9/2, 1090 Wien

ESI Seminar: Nigel Higson (Penn State University): "A rapid tour through noncommunicative geometry: from integral equations and the spectral theorem to the index theorem and beyond"

Org: A. Rennie

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/Higson.pdf

Donnerstag, 22. November 2018 14:00 bis 14:45, AG Gravitation, Währingerstr. 17, Raum 218, 2. OG

Literaturseminar: Igor Khavkine (Prague University): "Linear local gauge-invariant observables on spacetimes of sub-maximal symmetry"

Org: P. Chrusciel, D. Fajman

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/Se_minareinladung_Gravitationsphysik_Khavkine_22Nov2018.pdf

Donnerstag, 22. November 2018 15:00 bis 15:30, TU Wien, Wiedner Hauptstraße 8, Freihaus, DB yello 03

First Prague-Vienna PDE Afternoon: Erika Maringová (Charles University, Prague, Czech Republic): "On globally Lipschitz minimizers to variational problems"

Org: A. Jüngel (TU Wien)

<https://www.univie.ac.at/sfb65/#!/public/events/details/?type=1&id=372>

Donnerstag, 22. November 2018 15:30 bis 16:00, TU Wien, Wiedner Hauptstraße 8, Freihaus, DB yellow 03

First Prague-Vienna PDE Afternoon: Michal Bathory (Charles University, Prague, Czech Republic): "Implicit outflow boundary condition for an incompressible flow"

Org: A. Jüngel (TU Wien)

<https://www.univie.ac.at/sfb65/#!/public/events/details/?type=1&id=373>

Donnerstag, 22. November 2018 16:00 bis 18:00, IST Austria, Big Seminar room Ground floor / Office Bldg West (I21.EG.101)

Cyril Labbe (University Paris-Dauphine): "Localisation of the continuous Anderson hamiltonian in 1d"

Org: J. Maas (IST Austria)

<https://talks-calendar.app.ist.ac.at/events/1573>

Donnerstag, 22. November 2018 16:30 bis 18:00, HS 13, 2. OG., OMP 1

Vienna Seminar in Mathematical Finance and Probability: Thilo Meyer-Brandis (LMU Munich, DE): "Contagion and Systemic Risk in Heterogeneous Financial Networks "

<https://fam.tuwien.ac.at/events/vs-mfp/>