

VORTRÄGE

15:45 Kaffeejause

Mittwoch, 13. November 2019 16:15 bis 19:00, Sky Lounge, 12. OG, OMP 1

Mathematisches Kolloquium: Monika Ludwig (TU Vienna): "Geometric Valuation Theory"

Org: R. Donniger, Ch. Krattenthaler

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2018_19/Einladung_Ludwig.pdf

Abstract:

A fundamental theorem of Hadwiger classifies all rigid-motion invariant and continuous functionals on convex bodies (that is, compact convex sets) in \mathbb{R}^n that satisfy the inclusion-exclusion principle,

$$Z(K) + Z(L) = Z(K \cup L) + Z(K \cap L)$$

for convex bodies K, L such that $K \cup L$ is convex. Under weak additional assumptions, such a functional Z is a finitely additive measure and hence Hadwiger's theorem is a counterpart to the classification of Haar measures. Hadwiger's theorem characterizes the most important functionals in Euclidean geometry, the $n + 1$ intrinsic volumes, which include volume, surface area, and the Euler characteristic. In recent years, numerous further valuations defined on the space of convex bodies and more generally on function spaces were characterized by their properties. An overview of these results will be given.

Im Anschluss: vinum cum pane

Montag, 11. November 2019 09:25 bis Freitag, 15. November 2019 11:50, ESI, Boltzmann

Lecture Hall, Boltzmannngasse 9/2, 1090 Wien

Workshop: "Modeling of Crystalline Interfaces and Thin Film Structures: A Joint Mathematics-Physics Symposium"

Org: U. Diebold (TU Vienna), I. Fonseca (Carnegie Mellon U, Pittsburgh), P. Piovano (U Vienna)

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2018_19/DFP_Schedule.pdf

<https://www.esi.ac.at/events/e276/>

Dienstag, 12. November 2019 13:15 bis 14:45, SR 8, 2. OG, OMP 1

Representation Theory and Automorphic Forms: Anton Mellit (Uni Wien): "Introduction to ribbon calculus"

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

Dienstag, 12. November 2019 13:45 bis 14:30, Fakultät für Physik, Erwin Schrödinger-Hörsaal,

Boltzmannng. 5, 5. St., 1090 Wien

SE Mathematische Physik (Joint TU/UV Theory): Romain Ruzzi (Université libre de Bruxelles, Belgien): "The Λ -BMS₄ group of dS₄ and new boundary conditions for AdS₄"

Org: S. Fredenhagen, D. Grumiller, C. Zwickel, T. Schimannek

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2018_19/JointTheorySeminar_Ruzzi_12Nov2019.pdf

Dienstag, 12. November 2019 15:00 bis 17:00, SR 7, 2. OG., OMP 1

Geometry and Analysis on Groups Seminar: Alan Logan (Heriot-Watt): "On the isomorphism problem for (hyperbolic) one-relator groups"

Org: G. Arzhantseva, Ch. Cashen

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

Dienstag, 12. November 2019 15:00 bis 16:30, SR 12, 2. OG, OMP 1

Vortrag: Shihoko Ishii (TWCU): "Introduction of birational geometry in relations with arc spaces"

Org: H. Hauser

Dienstag, 12. November 2019 16:15 bis 17:00, Fakultät für Physik, Erwin Schrödinger-Hörsaal, Boltzmanng. 5, 5. St., 1090 Wien

SE Teilchenphysik: Andreas Ipp (TU Wien): "Simulating the earliest stages of heavy-ion collisions"

Org: A. Hoang, S. Plätzer

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2018_19/SeminareinladungTeilchenphysik_Ipp_12NOV2019.pdf

Dienstag, 12. November 2019 16:30 bis 17:30, SR 14, 2 OG., OMP 1

SE VPS: Gábor Pete (Rényi Institute & Budapest University of Technology and Economics): "Kazhdan groups have cost 1"

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

Dienstag, 12. November 2019 17:30 bis 18:30, SR 14, 2 OG., OMP 1

SE VPS: Martin Vogel (Université de Strasbourg): "Spectrum of non-selfadjoint operators with small random noise"

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

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

Mittwoch, 13. November 2019 10:00 bis 11:30, Seminar room 7 (second floor), Oskar-Morgenstern-Platz 1, 1090 Vienna

Complex Analysis Seminar: Makhlof Derridj (Université de Rouen): "On Gevrey regularity of Gevrey vectors of Partial Differential Operators "

Org: Bernhard Lamel

Mittwoch, 13. November 2019 11:30 bis 13:00, SR 11

SE Harmonic Analysis: Martin Ehler (University of Vienna): "Approximating probability measures by t-design curves"

Org: M. Ehler, K. Gröchenig

Mittwoch, 13. November 2019 14:00 bis 14:45, SR 05, OG 2., OMP 1

Habilitationsvortrag: Shantanu Dave (Universität Wien): "Noncommutative tangent spaces and hypoellipticity"

Org: B. Lamel

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2018_19/Einladung_Habilvortrag_Davev2.pdf

Mittwoch, 13. November 2019 14:00 bis 14:50, TU Wien, Wiedner Hauptstraße 8, FH 8 Nöbauer HS (2nd floor - yellow area)

PDE Afternoon: Monique Dauge (Université de Rennes 1, France): "Scattering resonances of a transparent cavity"

Org: SFB 65, DK

<https://www.univie.ac.at/sfb65/#!/public/events/details/?type=1&id=433>

Mittwoch, 13. November 2019 15:05 bis 15:55, TU Wien, Wiedner Hauptstraße 8, FH 8 Nöbauer HS (2nd floor - yellow area)

PDE Afternoon: Martin Costabel (Université de Rennes 1, France): "The method of volume integral equations for scattering problems"

Org: SFB 65, DK

<https://www.univie.ac.at/sfb65/#!/public/events/details/?type=1&id=434>

Donnerstag, 14. November 2019 16:00 bis 18:00, KGRC, Augasse 2-6, Ebene 5

SE KGRC: Sy-David Friedman (KGRC): "L[Reg]"

Org: KGRC

http://www.logic.univie.ac.at/2019/Talk_11-14_a.html