

15:45 Kaffeejause

Mittwoch, 29. Jänner 2020 16:15 bis 19:00, Sky Lounge, 12. OG, OMP 1

Mathematisches Kolloquium: Mihalis Dafermos (U Cambridge): "Strong Cosmic Censorship versus Λ "

Org: R. Donninger, Ch. Krattenthaler

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2020_21/Einladung_Antrittsvorlesung_Merino_Aceituno.pdf

Abstract:

The strong cosmic censorship conjecture is a fundamental open problem in classical general relativity, first put forth by Roger Penrose in the early 70s. This is essentially the question of whether general relativity is a deterministic theory. Perhaps the most exciting arena where the validity of the conjecture is challenged is the interior of rotating black holes, and there has been a lot of work in the past 50 years in identifying mechanisms ensuring that at least some formulation of the conjecture be true. It turns out that when a nonzero cosmological constant Λ is added to the Einstein equations, these underlying mechanisms change in an unexpected way, and the validity of the conjecture depends on a detailed understanding of subtle aspects of black hole scattering theory, surprisingly involving, in the case of negative Λ , some number theory. Does strong cosmic censorship survive the challenge of non-zero Λ ? This talk will try to address this question!.

vinum cum pane im Anschluss

Montag, 27. Jänner 2020 09:00 bis 09:20, HS 17, 2.OG, OMP 1

Didaktischer Vortrag: Maria Vittoria Barbarossa (Universität Heidelberg): "Introduction to Bifurcation Theory"

Org: Fakultät für Mathematik, Dekan Christian Krattenthaler

Montag, 27. Jänner 2020 09:30 bis 10:15, HS 17, 2.OG, OMP 1

Wissenschaftlicher Vortrag: Maria Vittoria Barbarossa (Universität Heidelberg): "Delay Equations in Population Biology and Epidemiology - Results, Advances and Challenges"

Org: Fakultät für Mathematik, Dekan Christian Krattenthaler

Montag, 27. Jänner 2020 15:00 bis 15:20, HS 16, 2. OG, OMP 1

Didaktischer Vortrag: Christian Hilbe (Max-Planck-Institute for Evolutionary Biology, Plön): "Dynamical systems and Lyapunov stability"

Org: Fakultät für Mathematik, Dekan Christian Krattenthaler

Montag, 27. Jänner 2020 15:30 bis 16:15, HS 16, 2. OG, OMP 1

Wissenschaftlicher Vortrag: Christian Hilbe (Max-Planck-Institute for Evolutionary Biology, Plön): "The dynamics of direct and indirect reciprocity"

Org: Fakultät für Mathematik, Dekan Christian Krattenthaler

Dienstag, 28. Jänner 2020 13:15 bis 14:45, SR 8, 2. OG, OMP 1

Representation Theory and Automorphic Forms: Chiara Novarini (Uni Wien): "DAHA and other algebras"

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

Dienstag, 28. Jänner 2020 13:45 bis 14:30, Fakultät für Physik, Christian-Doppler-Hörsaal, Boltzmannngasse 5, 3. Stock

Joint Theory Seminar: Claude Duhr (CERN, Schweiz): "From geometry to high-energy scattering in N=4 Super Yang Mills at all order"

Org: S. Fredenhagen, D. Grumiller, A. Hoang, S. Plätzer, C. Zwikel, T. Schimannek

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2020_21/JointTheorySeminar_Duhr_28Jaenner2020.pdf

Dienstag, 28. Jänner 2020 15:00 bis 17:00, SR 7, 2. OG., OMP 1

Geometry and Analysis on Groups Seminar: Tim de Laat (Münster): "Exotic group C*-algebras of automorphism groups of trees"

Org: G. Arzhantseva, Ch. Cashen

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

Dienstag, 28. Jänner 2020 15:15 bis 16:45, TU Wien, Dissertantenraum, Freihaus, Turm A, 8. OG., Wiedner Hauptstr. 8-10, 1040 Wien

AG Diskrete Mathematik: Valerie Roitner (TU Wien): "The vectorial kernel method for walks with longer steps"

Org: M. Drmota

Dienstag, 28. Jänner 2020 16:15 bis 17:00, Fakultät für Physik, Erwin Schrödinger-Hörsaal, Boltzmannng. 5, 5. St., 1090 Wien

Teilchenphysikseminar: Ignazio Scimemi (Departamento Física Teórica Univ. Complutense de Madrid): "An overview on TMD formalism and its phenomenological status"

Org: A. Hoang, S. Plätzer, M. Procura

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2020_21/SeminarEinladungTeilchenphysik_Scimemi_28Jaenner2020.pdf

Mittwoch, 29. Jänner 2020 14:00 bis 14:50, HS 11, 2. OG, OMP 1

PDE Afternoon: Vladimir Kazeev (University of Vienna): "Low-rank tensor representation for the structured solution of PDE"

Org: SFB 65, DK

<https://www.univie.ac.at/sfb65/#!/public/events/details/?type=1&id=454>

Mittwoch, 29. Jänner 2020 15:10 bis 16:00, HS 11, 2. OG, OMP 1

PDE Afternoon: Claudia Raithel (TU Wien): "Quantitative homogenization for the case of an interface between two heterogeneous media"

Org: SFB 65, DK

<https://www.univie.ac.at/sfb65/#!/public/events/details/?type=1&id=506>

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Mathematisches Kolloquium: Mihalis Dafermos (U Cambridge): "Strong Cosmic Censorship versus Λ "

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Donnerstag, 30. Jänner 2020 12:45 bis 13:45, SR 12, 2. OG, OMP 1

Geometry and Analysis on Groups Seminar: Ahmet Seit: "Student talk: Stallings proof of Marshall Hall's Theorem"

Org: G. Arzhantseva, Ch. Cashen

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

Donnerstag, 30. Jänner 2020 16:00 bis 18:00, KGRC lecture room (seminar room D5.48, Augasse 2-6, UZA 1 Building 2, 1090 Wien

KGRC SE: Víctor Torres-Pérez (TU Wien): "Construction with opposition: Cardinal invariants and games "

Org: KGRC

http://www.logic.univie.ac.at/2020/Talk_01-30_a.html

Donnerstag, 30. Jänner 2020 16:30 bis 18:00, HS 11, 2. OG, OMP 1

Vienna Seminar in Mathematical Finance and Probability: Eduardo Abi Jaber (Université Paris 1 Panthéon-Sorbonne, FR): "Linear-Quadratic control of stochastic Volterra equations"