

VORTRÄGE

Kaffeejause 15:45

Mittwoch, 20. Juni 2018 16:15 bis 17:15, Sky Lounge, 12. OG, OMP 1

Mathematisches Kolloquium: Susan Friedlander (University of South California):

"Kolmogorov, Onsager and a stochastic model for turbulence"

Org: Herwig Hauser

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/2_0180620SusanFriedlander.pdf

***Abstract:** We will briefly review Kolmogorov's (41) theory of homogeneous turbulence and Onsager's (49) conjecture that in 3-dimensional turbulent flows dissipation energy might exist even in the limit of vanishing viscosity. Although over the past 60 years there is a vast body of literature related to this subject, at present there is no rigorous mathematical proof that the solutions to the Navier-Stokes equations yield Kolmogorov's laws. For this reason various models have been introduced that are more tractable but capture some of the essential features of the Navier-Stokes equations themselves. We will discuss one such stochastically driven dyadic model for turbulent energy cascades. We will describe how results for stochastic PDEs can be used to prove that this dyadic model is consistent with Kolmogorov's theory and Onsager's conjecture. This is joint work with Vlad Vicol and Nathan Glatt-Holtz.*

Im Anschluß: vinum cum pane

Montag, 18. Juni 2018 12:00 bis 13:00, BZ 2, 2. OG., OMP 1

Alexander Spies (Univ. Erlagen): "Moduli spaces of flat connections and Poisson analogues of Kitaev models"

Org: N. Carqueville

Montag, 18. Juni 2018 13:15 bis 14:45, SR 01, EG, OMP 1

Complex Analysis SE: Sergio Alejandro Carrillo Torres (Univ. Wien): "The problem of multisummability in higher dimensions"

Org: M. Reiter, B. Lamel

http://complex.univie.ac.at/events/detail-of-event/news/cohomology-and-prequantization-by-cohesion-and-homotopy/?tx_news_pi1%5Bcontroller%5D=News&tx_news_pi1%5Baction%5D=detail&cHash=eba173326ca59cb09e4b273484c77317

Dienstag, 19. Juni 2018 09:45 bis 11:15, SR 12, 2. OG, OMP 1

Complex Analysis SE: Alexander Prähauser (Univ. Wien): "Cohomology and Prequantization by Cohesion and Homotopy"

Org: M. Reiter, B. Lamel

http://complex.univie.ac.at/events/detail-of-event/news/cohomology-and-prequantization-by-cohesion-and-homotopy/?tx_news_pi1%5Bcontroller%5D=News&tx_news_pi1%5Baction%5D=detail&cHash=eba173326ca59cb09e4b273484c77317

Dienstag, 19. Juni 2018 15:00 bis 17:00, SR 10, 2. OG., OMP 1

Geometry and Analysis on Groups Research SE: Jing Tao (Univ. Oklahoma): "Minicourse on quasimorphisms"

Org: G. Arzhantseva, Ch. Cashen

<http://www.mat.univie.ac.at/~gagt/abstracts/180605.html>

Dienstag, 19. Juni 2018 15:00 bis 17:00, BZ 9, 9. OG, OMP 1

SE AG Biomathematik: Lydia Pock (Uni. Wien): "The two-patch logistic model – Does dispersal affect the carrying capacity?"

Org: J. Hermisson, R. Bürger

<http://homepage.univie.ac.at/Reinhard.Buerger/AGBio.html>

Dienstag, 19. Juni 2018 15:00 bis 15:45, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS 2. OG.,

PDE Afternoon: Amit Einav (TU Wien): "Weak Poincaré inequalities and the lack of spectral gap"

Org: SFB und DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=123>

Dienstag, 19. Juni 2018 15:15 bis 16:45, Dissertantenraum, Freihaus, Turm A, 8. OG., Wiedner Hauptstr. 8-10, 1040 Wien

AG Diskrete Mathematik: Guan-Ru Yu: "The number of double triangles in dandom planar maps"

Org: Ch. Krattenthaler

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

Dienstag, 19. Juni 2018 16:00 bis 16:30, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS 2. OG.,

PDE Afternoon: Pietro Vermicelli (Univ. Wien): "WED principle for stochastic evolution "

Org: SFB und DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=124>

Dienstag, 19. Juni 2018 16:30 bis 17:00, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS 2. OG.,

PDE-Afternoon: Dario Feliciangeli (IST Austria): "The Sherrubgton-Kirkpatrick model for spin glasses"

Org: SFB und DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=125>

Mittwoch, 20. Juni 2018 11:00 bis 13:00, SR 10, 2. OG., OMP 1

NuHAG SE: Michael Lamoureux (Univ. Calgary): "Outer preserving operators and solutions to Polya-Schur problems"

Org: KH. Gröchenig

https://www.univie.ac.at/nuhag-php/program/talks_details.php?id=3583

Mittwoch, 20. Juni 2018 13:00 bis 14:00, Sky Lounge, 12. OG, OMP 1

Seminar Algebraische Geometrie: George Lusztig (MIT): "Stratifying reductive groups"

Org: H. Hauser

Donnerstag, 21. Juni 2018 14:00 bis 15:30, WPI Seminarraum 08.135, OMP 1

didaktischer Vortrag im Rahmen der Habilitation: Jan Haskovec: "Sobolev inequality and Sobolev embedding"

Org: C. Schmeiser

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

Donnerstag, 21. Juni 2018 16:30 bis 18:00, Seminarraum DC Roter Bereich, 7. OG, TU Wien, Freihaus, Wiedner Hauptstraße. 8, 1040 Wien

Vienna SE in Mathematical Finance and Probability: Oleg Szehr (Univ. Wien): "Supervised learning and optimal transport "

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

Donnerstag, 21. Juni 2018 17:15 bis 18:15, HS 13, 2. OG., OMP 1

Fachdidaktisches Kolloquium: Hans-Georg Weigand (Univ. Würzburg): "Zum Einsatz digitaler Technologien im zukünftigen Mathematikunterricht - der Blick zur aufgehenden Sonne und die Faszination der Nordlichter"

Org: H. Humenberger

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/D_id-Kolloquium18.pdf

Freitag, 22. Juni 2018 16:00 bis 18:00, BIG HS, Universitätstring 1, 1010 Wien

David Donoho (Standford University): "Data Science: The End of Theory"

Org: Data Science Uni Wien

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