

VORTRÄGE

Mittwoch, 23. Mai 2018 14:00 bis 15:00, HS06

Mathematisches Kolloquium: Thomas Hales (University of Pittsburgh): "Computer Verification and Math"

Org: H. Hauser

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/20180523ThomasHales.pdf

Abstract:

The use of large-scale computer calculations in the traditionally paper-and-pencil discipline of mathematics has prompted researchers to reevaluate the whole idea of what makes a proof. A conjecture by Kepler in 1611 asserts that the densest arrangement of spheres is the familiar pyramid shape used to stack oranges at fruit stands. In 1998, Samuel Ferguson and I announced a proof of the conjecture, consisting of nearly 300 pages — plus at least 40,000 lines of custom computer code. The journal Annals of Mathematics assigned a dozen referees to check that there were no errors anywhere in this proof. But when the proof was finally published, the editor conceded that referees could not certify its correctness "because they have run out of energy to devote to the problem." In response, I organized a project to have computers referee the correctness of computer calculations. Unlike humans, automated referees do not run out of energy. This talk is intended for a general audience.

Mittwoch, 23. Mai 2018 15:00 bis 18:00, Sky Lounge, 12. OG, OMP 1

"Verleihung der Goldenen Doktordiplome"

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/Einladung_GoldenesDoktordiplom_2018.pdf

Dienstag, 22. Mai 2018 10:00 bis Freitag, 25. Mai 2018 16:00, WPI Seminarraum 08.135, OMP 1

WPI-Workshop: "Numerics for cosmology - the Schrödinger method"

Org: O. Hahn (Observatoire Nice), N. J. MAuser (WPI c/o U. Wien), C. Uhlemann (DAMTP Cambridge)

http://www.wpi.ac.at/event_view.php?id_activity=259

Dienstag, 22. Mai 2018 11:00 bis Freitag, 25. Mai 2018 13:00, ESI, Boltzmann Lecture Hall, Boltzmannngasse 9/2, 1090 Wien

ESI: Programme Quantum Paths: "Tensor networks & entanglement"

Org: P. Calabrese (SISSA, Trieste), F. H. L. Essler (Oxford U), G. Mussardo (SISSA, Trieste), J. Schmiedmayer (TU Vienna), G. Sierra (IFT Madrid), F. Verstraete (U Vienna)

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/MSC_week7.pdf

Dienstag, 22. Mai 2018 12:00 bis 13:00, BZ 9, 9.OG, OMP1

öffentlichen Defensio: Simone Zappalá (Univ. Wien): "Realizable methods in time-frequency analysis based on spline-type constructions"

Org: J. Hofbauer (U Wien), M. Ehler (U Wien), C. Melot (U Aix-Marseille), D. Onchis-Moaca (U Wien)

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

Dienstag, 22. Mai 2018 15:00 bis 15:45, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS, 2. OG., gelber Bereich

PDE Afternoon: Helene Ranetbauer (Univ. Wien): "On Modeling Biological Network Formation"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=114>

Dienstag, 22. Mai 2018 16:00 bis 16:30, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS, 2. OG., gelber Bereich

PDE Afternoon: Gianluca Favre (Univ. Wien): "Microscopic coercivity for kinetic-reaction models"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=115>

Dienstag, 22. Mai 2018 16:30 bis 17:00, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS 2. OG., gelber Bereich

PDE Afternoon: Lorenzo Portinale (IST Austria): "Approximation of an optimal control problem through Legendre penalization"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=116>

Mittwoch, 23. Mai 2018 11:00 bis 12:00, SR 10, 2. OG., OMP 1

NuHAG SE: Vladimir Yu. Protasov (Univ. of L'Aquila Italy, Moscow State University): "Approximation by exponential polynomials and stability of dynamical systems"

Org: KH. Gröchenig

https://www.univie.ac.at/nuhag-php/program/talks_details.php?id=3456

Donnerstag, 24. Mai 2018 15:15 bis 17:00, BZ 9, 9.OG, OMP1

AG Ergodentheorie: Tom Kempton (Univ. Manchester): "On the Hausdorff dimension of Bernoulli convolutions"

Org: H. Bruin, R. Zweimüller

http://mat.univie.ac.at/~zweimueller/AG_ETHY.html

Donnerstag, 24. Mai 2018 16:00 bis 18:00, KGRC, lecture room, Währinger Str. 25, 1090 Wien

KGRC SE: Borisha Kuzeljevic (Czech Academy of Sciences, Prague): "P-ideal dichotomy and some versions of the Souslin Hypothesis"

Org: KGRC

http://www.logic.univie.ac.at/2018/Talk_05-24_a.html

Donnerstag, 24. Mai 2018 16:30 bis 18:00, SR DC 07, Freihaus rot, 7. OG., TU Wien, Wiedner Hauptstr. 8, 1040 Wien

Vienna SE in Mathematical Finance and Probability: Matteo Burzoni (ETH-Zürich): "Arbitrage, Hedging and all that: lessons learned from the absence of a probability"

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

Donnerstag, 24. Mai 2018 17:15 bis 18:00, HS 13, 2. OG., OMP 1

Fachdidaktisches Kolloquium: Florian Schacht (Univ. Duisburg-Essen): "Zur Nutzung von Fachsprache und Werkzeugsprache bei der Arbeit mit digitalen Werkzeugen"

Org: H. Humenberger

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