



Vorträge

Mittwoch, 5. November 2014, Sky-Lounge (12 OG),
Oskar-Morgenstern-Platz 1, 1090 Wien

Mathematisches Kolloquium

Prof. Dr. Harald Andrés Helfgott (CNRS, Université de Paris VI/VII):
“The ternary Goldbach conjecture”

Abstract:

The ternary Goldbach conjecture (1742) asserts that every odd number greater than 5 can be written as the sum of three prime numbers. Following the pioneering work of Hardy and Littlewood, Vinogradov proved (1937) that every odd number larger than a constant C satisfies the conjecture. In the years since then, there has been a succession of results reducing C , but only to levels much too high for a verification by computer up to C to be possible ($C > 10^{1300}$). (Works by Ramare and Tao have solved the corresponding problems for six and five prime numbers instead of three.) My recent work proves the conjecture. We will go over the main ideas of the proof.

15:45 Uhr – 16:15 Uhr K & K (Sky Lounge)

Univ.-Prof. Goulmara Arzhantseva, PhD
Dekan Univ.-Prof. Dr. Harald Rindler

Dienstag, 4. November 2014, von 10:15 Uhr bis 11:45 Uhr, Seminarraum 12, 2. Stock
Oskar-Morgenstern-Platz 1, 1090 Wien

Complex Analysis Seminar

Tyson Ritter: “A soft Oka principle for proper embeddings of Riemann surfaces into $(\mathbb{C}^*)^2$ ”

(Details siehe Link:

<http://www.univie.ac.at/complexanalysis/Activities/Seminar2014.html>)

Dienstag, 4. November 2014, von 15:00 Uhr bis 17:00 Uhr, Seminarraum 8, 2. Stock
Oskar-Morgenstern-Platz 1, 1090 Wien

Geometry and Analysis on Groups

Liviu Paunescu (IMAR, Bucharest): “Almost commuting permutations are near commuting permutations”

Link: <http://www.mat.univie.ac.at/~gagt/Seminar.html>

Organized by G. Arzhantseva, Ch. Cashen

Dienstag, 4. November 2014, von 15:15 bis 16:45 Uhr, TU Dissertantenraum, Freihaus,
Turm A, 8. Stock, Wiedner Hauptstraße 8-10, 1040 Wien

AG Diskrete Mathematik Seminar

Tomack Gilmore (Univ. Wien): “Enumerating Rhombus Tilings of Holey Hexagons”

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



Donnerstag, 6. November 2014, von 16:00 Uhr bis 18:00 Uhr, Josephinum,
SR (Zi. O2.101), Währingerstr. 25, 1090 Wien

KGRC Research Seminar

Wiesław Kubiś (Academy of Sciences of the Czech Republic): “Banach-Mazur games
and Fraisse limits”

(Details siehe Link: http://www.logic.univie.ac.at/Research_seminar.html)

Donnerstag, 6. November 2014, ab 14:00 Uhr, Seminarraum 7, 2. Stock
Oskar-Morgenstern-Platz 1, 1090 Wien

Mathematical Physics Seminar

Alexander Komech (University of Vienna and Russian Academy of Sciences):
“Attractors of nonlinear Hamiltonian PDEs (Part 2)”

Donnerstag, 6. November 2014, von 11:00 Uhr bis 12:00 Uhr, Seminarraum A, 2. Stock,
Währinger Straße 17, 1090 Wien

Geometric Analysis and Physics (GAP)

V. Branding (TU, Wien): “The evolution equation for magnetic geodesics”

Organized by M.Bauer (Uni Wien), V. Branding (TU, Wien), D. Fajman (Uni Wien),
J. Joudioux (Uni Wien)

Donnerstag, 6. November 2014, von 16:30 Uhr bis 18:00 Uhr, Seminarraum 9, 2 Stock
Oskar-Morgenstern-Platz 1, 1090 Wien

Vienna Seminar in Mathematical Finance and Probability

Matthias Erbar (University of Bonn): “Ricci curvature for finite Markov chains”

Link: <http://www.fam.tuwien.ac.at/vs-mfp/>

Freitag, 7. November 2014,

von 09:00 Uhr bis 11:30 Uhr, Besprechungszimmer 09,9, 2. Stock

von 13:00 Uhr bis 15:30 Uhr, Seminarraum 10, 2. Stock

Oskar-Morgenstern-Platz 1, 1090 Wien



Präsentation von Dissertationsprojekten

9:00 *Simon Rechberger*

“Return and hitting time statistics of rare events in infinite ergodic systems”

(Betreuer: R. Zweimüller)

9:30 *Jernej Cinc*

“Strange Attractors and Inverse Limit Spaces”

(Betreuer: H. Bruin)

10:00 *Bettina Ponleitner*

“Global optimization in robotics”

(Betreuer: H. Schichl)

10:30 *David Langer*

“Automatische Formelverarbeitung für Optimierungsprobleme”

(Betreuer: H. Schichl)

11:00 *Cong Shi*

“Analysis for photoacoustic tomography obeying attenuation”

Betreuer: O. Scherzer)

11:30 *Dmytro Dzhunzhyk :*

“A global optimization method for minimax fitting of rational functions”

(Betreuer: A. Neumaier)

13:00 *Anastasiia Zalashko [Schachermayer]:*

“Model independent pricing of Asian options”

(Betreuer: W. Schachermayer)

13:30 *Lingqi Gu [Schachermayer]:*

“The shadow price in utility maximization problems under transaction costs”

(Betreuer: W. Schachermayer)

14:00 *Till Luc Lange [Teschl]:*

“Long-time asymptotics for the Korteweg-de Vries equation”

(Betreuer: G. Teschl)

14:30 *Diana Carolina Montoya Amaya|*

“Some Cardinal Invariants in the Generalized Baire Space”

(Betreuer: KGRC)

15:00 *Anda-Ramona Tănăsie | KGRC |*

“The Lifting Problem for Category on ω_1 ”

(Betreuer: KGRC)

15:30 *Tomack Gilmore [Ch. Krattenthaler]:*

“Enumerating Rhombus Tilings of Hol(e)y Hexagons”

(Betreuer: Ch. Krattenthaler)



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