

## Vorträge

**Mittwoch, 21. November 2012, ab 16:15 Uhr, Olga Taussky-Todd Raum (C 209), UZA 4**  
**Mathematisches Kolloquium - Antrittsvorlesung**  
**Univ.-Prof. Dr. Henk Bruin (Fakultät für Mathematik, Universität, Wien):**  
**“The Ergodic Theory of Subtraction”**

*Abstract:*

*The course of smooth ergodic theory is towards treating higher dimensional dynamical systems, in which non-conformality, contracting directions and discontinuities all pose considerable difficulties for understanding transfer operators, and the many ergodic properties that may or may not be determined by their spectrum. Subtractive algorithms are a class transformations that have intermittently captured my attention and nocturnal rest over the past few years. They consist of subtracting coordinates from one another, sometimes combined with rescaling to unit size, and despite their humble appearance, they creep into dynamical systems of the most varied nature. They, too, are non-conformal, discontinuous and worst of all, very inflexible. In this lecture, I would like to tell what they are, where they came from and question whether they will yield to the current state of ergodic theory, and if not, should we be worried?*

**anschließend kleines Buffet**

**Dekan Univ.-Prof. Dr. Harald Rindler**

**Montag, 19. November 2012, ab 10:00 Uhr bis Mittwoch, 21. November 2012, ab 10:00 Uhr, Erwin Schrödinger Lecture Hall, Boltzmannngasse 9, 1090 Wien**  
**ESI Modern Methods of Time-Frequency Analysis II**  
**Operator algebras and time-frequency methods**  
(Details siehe Attachment)  
Workshop organized by: F. Luef

**Montag, 19. November 2012, von 15:05 Uhr bis 16:50 Uhr, Seminarraum 2A310, UZA 2**  
**Arbeitsgemeinschaft Ergodentheorie**  
**Peter Grabner (TU Graz): Combinatorial and dynamic properties of systems of numeration.**  
[http://mat.univie.ac.at/~zweimueller/AG\\_ETHY.html](http://mat.univie.ac.at/~zweimueller/AG_ETHY.html)

**Montag, 19. November 2012, ab 9:00 Uhr bis Freitag, 23. November 2012, ab 9:00 Uhr, WPI Seminarraum C 714, UZA 4**  
**Workshop on „Electromagnetic Spacetimes“**  
(Details siehe Link)  
[http://www.wpi.ac.at/themedata/Programm\\_WS\\_KIESSLING\\_November2012\\_v2](http://www.wpi.ac.at/themedata/Programm_WS_KIESSLING_November2012_v2)

**Dienstag, 20. November 2012, ab 15:00 Uhr, Seminarraum D 103, UZA 4**  
**Arbeitsgemeinschaft Biomathematik**  
**Jeff Jensen (Lausanne): “The population genetics of adaptation”**

**Dienstag, 20. November 2012, von 15:15 Uhr bis 16:45 Uhr, TU Institut für Diskrete Mathematik und Geometrie, Freihaus, grüner Turm (A), 8. Stock, Dissertantenr., Wiedner Hauptst. 8-10, 1040 Wien**  
**Arbeitsgemeinschaft Diskrete Mathematik**  
**Michael Drmota: „Extremal Parameters in Sub-Critical Graph Classes”**

Dienstag, 20. November 2012, von 11:15 Uhr - 12:45 Uhr, Seminarraum S1,  
Althanstraße 12, 1090 Wien

**Complex Analysis Seminar**

Florian Bertrand: "Attaching discs in almost complex manifolds"

organized by: A.K. Herbig

<http://www.univie.ac.at/complexanalysis/Activities/Seminar2012.html>

Mittwoch, 21. November 2012, von 14:20 Uhr bis 16:00 Uhr,  
Seminarraum C 207, UZA 4

**Geometry and Analysis on Groups – Research Seminar**

Matthew T. Clay (University of Arkansas): "Turn graphs and extremal surfaces."

<http://www.mat.univie.ac.at/~dosaj/GGTWien/Seminar.html>

Mittwoch, 21. November 2012, von 15:00 Uhr bis 15:45 Uhr,  
Seminarraum C 209, UZA 4

**Lectures for Everybody**

Dietrich Burde: „Diophantische Gleichungen - von Euklid bis ABC.“

Mittwoch, 21. November 2012, ab 14:00 Uhr, Seminarraum D 104, UZA 4

**Öffentliche Defensio**

Mag. Ales Navrat: „Non-standard Operators in Almost Grassmannian Geometry“

Donnerstag, 22. November 2012, von 17:00 Uhr bis 18:30 Uhr, Seminarraum D 101,  
UZA 4

**Vortrag im Rahmen des Seminars Finanzmathematik**

Pietro Siorpaes: „Hardy Semi-martingales and  $L^p$  integrators“

Link: [http://www.mat.univie.ac.at/~finance\\_hp/seminarWS12\\_prob.html](http://www.mat.univie.ac.at/~finance_hp/seminarWS12_prob.html)

Donnerstag, 22. November 2012, von 16:00 Uhr bis 18:00 Uhr, Josephinum,  
SR (Zi. O2.101), Währingerstr. 25, 1090 Wien

**KGRC Research Seminar**

Martin Goldstern: „Cardinal characteristics in Cichon's diagram“

[http://www.logic.univie.ac.at/Current\\_talk.html](http://www.logic.univie.ac.at/Current_talk.html)

Freitag, 23. November 2012, ab 11:00 Uhr, Seminarraum C 207, UZA 4

**Öffentliche Defensio**

Steffen Kionke MSc.: "Lefschetz Numbers of Involutions on Arithmetic Subgroups of Inner Forms of the Special Linear Group"