



## VORTRÄGE

**Mittwoch, 4. Mai 2016 von 15:00 bis 15:45 Uhr, Sky Lounge, OMP 1**

**Junior Kolloquium:** Krishnaswami Alladi (Univ. of Florida): "The number of prime factors of integers – a selection of charming results both old and new"

Abstract: The first systematic study of the number of prime factors was due to Hardy and Ramanujan in 1917. This eventually gave rise to probabilistic number theory with the work of Turan, and Erdos-Kac. We will provide a selection of beautiful classical results on the number of prime factors and discuss many newer results for which restrictions are placed on the sizes of the prime factors. These lead to surprising twists of the classical theme.

**15:45 Uhr Kaffeejause**

**Mittwoch, 4. Mai 2016 von 16:15 bis 17:00 Uhr, Sky Lounge, OMP 1**

**Mathematisches Kolloquium:** Krishnaswami Alladi (Univ. of Florida): "Partitions with non-repeating odd parts – q-hypergeometric and combinatorial identities"

Abstract: By representing partitions with non-repeating odd parts in terms of 2-modular graphs, we first show how these lead to nice derivations of various qhypergeometric identities. Next we establish new weighted partition identities with free parameters. By special choices of these parameters, we connect them with the famous Göllnitz-Gordon partitions, and combinatorially establish a modular identity and parity results, as well a shifted partition identity mod 32 of Andrews. Finally we give a glimpse at a theory of basis partitions using these 2-modular graphs.

**Anschließend vinum cum pane**

**Christian Krattenthaler Harld Rindler**

**Montag, 2. Mai 2016, von 9:00 Uhr bis Freitag, 6. Mai 2016 bis 17:45 Uhr, ESI, Boltzmann Lecutre Hall, Programme on "Mixing Flows and Averaging Methods"**

**Mini-Courses 2: "Statistical properties, averaging and homogenization"**

org. by Peter Bálint (TU, Budapest), Henk Bruin (U Vienna), Carlangelo Liverani (U Rome, Tor Vergata), Ian Melbourne (U Warwick), Dalia Terhesiu (U Vienna), (siehe Anhang)

**Dienstag, 3. Mai 2016, von 12:15 Uhr bis 13:30 Uhr, Schrödinger Lecture Hall, 5 OG., Boltzmanng. 5, 1090 Wien**

**Vienna Theory Lunch SE:** Alexander Komch (Univ. Wien): "On Bohr's transitions to quantum stationary states"

org. by by Elke Aeikens (UV), Maximillian Löschner (UV), Alexander Soloviev (VUT) and David Toneian (VUT)

<http://www.univie.ac.at/lunch-seminar/index.SS2016.htm>

**Dienstag, 3. Mai 2016, von 13:15 Uhr bis 14:45 Uhr, Seminarraum 9, 2. OG, OMP 1**

**Complexe Analysis SE:** Gerhard Schindl (Univ. Wien): "Quasianalyticity of classes of ultradifferentiable functions and the non-surjectivity of the Borel mapping" (Part 2)

org. by B. Lamel, M. Reiter

<http://complex.univie.ac.at/events/detail-of-talk/news/quasianalyticity-of-classes-of-ultradifferentiable-functions-and-the-non-surjectivity-of-the-borel-mapping-part-2/>

**Dienstag, 3. Mai 2016, 15:00 Uhr bis 16:00 Uhr, SR Biomathematik, 09.142, 9 OG., OMP 1**

**AG Biomathematik:** Tatsuya Sasaki (Univ. Wien): "Scoring an abstaining: the evolution of conditional moral assessment in indirect reciprocity"

org. by R. Bürger, J. Hermisson

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

**Mittwoch, 4. Mai 2016, ab 11.30 Uhr, Seminarraum 10, 2. OG, OMP 1,**

**NuHAG Seminar:** Boaz Nadler (Dep. of CS and Appl. Mathem. Weizmann Inst.): "Vectorial Phase Retrieval"

<http://www.univie.ac.at/nuhag-php/home/seminar.php?abstract=Y&id=3190>

**Freitag, 6. Mai 2016, 10:15 Uhr bis 11:45 Uhr, BZ 3, 03.136, 3 OG., OMP 1**

**Diana Seminar:** Eberhard Mayerhofer (Dublin Univ.): "Option Portfolios on Multiple Assets"

org. by M. Kunzinger



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