Vorträge

Mittwoch, 14. April 2010, 15:05 Uhr – 15:50 Uhr, C 209, UZA 4
Anschließend Kaffeejause und Buffet
Mathematisches Kolloquium
Privatdoz. Dr. Ilse Fischer: "Refined enumerations of alternating sign matrices"

Abstract: Alternating sign matrices are one of those fascinating combinatorial objects that admit an exceptional simple enumeration formula while at the same time proving this formula is rather complicated. They were first defined and studied in the early 1980s by Robbins and Rumsey in connection with Dodgson's condensation method for computing determinants. The research was further stimulated after the discovery of the relation to a statistical mechanics model (six-vertex model) for ``square ice''. In the talk I shall first give an introduction into this field and then present our approach to refined enumerations of alternating sign matrices. (Joint work with Dan Romik.)

(Dekan Univ.-Prof. Dr. Rindler)

Dienstag, 13. April 2010, von 11:15 Uhr – 12:45 Uhr, Seminarraum S1, Althanstraße 12-14, 1090 Wien
Complex Analysis Seminar:
Ph.D. Robert Juhlin
"Parametrization of local CR-automorphisms"
Link: http://plone.mat.univie.ac.at/research/groups/scv/abstracts10S/04-13-10/

Dienstag, 13. April 2010, von 15:15 Uhr bis 16:45 Uhr, TU Institut für Diskrete Mathematik und Geometrie, Freihaus, grüner Turm (A), 8. Stock, Dissertantenraum, Wiedner Hauptstraße 8-10, 1040 Wien
Arbeitsgemeinschaft Diskrete Mathematik
Georg Seitz (TU Wien)
"Network models based on k-trees"
Link: http://dmg.tuwien.ac.at/nfn/

Donnerstag, 15. April 2010, von 12:00 Uhr bis 13:00 Uhr, Seminarraum S1, Althanstraße 12-14, 1090 Wien
Algebra Kolloquium
Mag. Dr. Harald Grobner
„Aspekte automorpher Kohomologie"
Link: http://plone.mat.univie.ac.at/vortrage/ak

Donnerstag, 15. April 2010, 17:15 Uhr bis 18:00 Uhr, SeminarraumC 209, UZA 4
(Kaffeejause: 17:00 Uhr bis 17:15 Uhr im Common Room)
Dissertantenkolloquium
Hannes Grimm-Strele (Universität Wien, Fakultät für Mathematik)
„Numerical Solution of the Generalised Poisson Equation on Parallel Computers"