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Fakultät für Mathematik

Vorträge

**Montag, 1. Juni 2015, ab 16:15 Uhr, Sky-Lounge (12 OG),
Oskar-Morgenstern-Platz 1, 1090 Wien**

Mathematisches Kolloquium

Prof. Dr. Boris Mordukhovich (Wayne State University, USA):

“Variational Analysis: What is it?”

Abstract: Variational analysis has been recognized as an active and rapidly growing area of mathematics and operations research motivated mainly by the study of constrained optimization and equilibrium problems, while also applying perturbation ideas and variational principles to a broad class of problems and situations that may be not of a variational nature. One of the most characteristic features of modern variational analysis is the intrinsic presence of nonsmoothness, which naturally enters not only through the initial data of the problems under consideration but largely via variational principles and perturbation techniques applied to a variety of problems with even smooth data. Nonlinear dynamics and variational systems in applied sciences also give rise to nonsmooth structures and motivate the development of new forms of analysis that rely on generalized differentiation.

This lecture is devoted to discussing some basic constructions and results of variational analysis and its remarkable applications.

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

Assoz. Prof. Dr. Radu Ioan Bot, Privatdoz.

Dekan Univ.-Prof. Dr. Harald Rindler

**Montag, 1. Juni, Donnerstag, 4. Juni 2015, Freitag, 5. Juni 2015, Sky Lounge, 12 OG.,
Dienstag, 2. Juni 2015 und Mittwoch, 3. Juni 2015, Besprechungsraum 3. 3. Stock,
Oskar-Morgenstern-Platz 1, 1090 Wien**

Conference „Water Wave Dynamics“

(Details siehe Attachment)

Organized by A. Constantin

Seminarraum Biomathematik, 9 Stock, Oskar-Morgenstern-Platz 1, 1090 Wien

Arbeitsgemeinschaft Biomathematik

01.06.2015, ab 15:00 Uhr

Alva Backström (Stockholm, Erasmus student): “A spatial stochastic predator-prey model”

02.06.2015, ab 15:00 Uhr

Lee Altenberg (KLI): “Fundamental properties of the evolution of mutational robustness”



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Montag, 1. Juni 2015, ab 10:00 Uhr, Besprechungszimmer 3, 3. Stock,
Oskar-Morgenstern-Platz 1, 1090 Wien

Complex Analysis Seminar

Debraj Chakrabarti: „Distributional boundary values of holomorphic functions on
piecewise smooth domains”

<http://www.univie.ac.at/complexanalysis/Activities/Seminar2015.html>

Dienstag, 2. Juni 2015, von 15:00 Uhr bis 17:00 Uhr, Seminarraum 8, 2. Stock, Oskar-
Morgenstern-Platz 1, 1090 Wien

Geometry and Analysis on Groups

Mark Sapir (Vanderbilt University): “Diagram groups and knots”

Organized by G. Arzhantseva, Ch. Cashen

<http://www.mat.univie.ac.at/~gagt/abstracts/20150602.html>

Dienstag, 2. Juni 2015, von 15:15 bis 16:45 Uhr, TU Dissertantenraum, Freihaus, Turm
A, 8. Stock, Wiedner Hauptstraße 8-10, 1040 Wien

AG Diskrete Mathematik

Zbigniew Golebiewski: “Analysis of a natural counting of λ -terms”

Mittwoch, 3. Juni 2015, ab 17:15 Uhr, HS 13, 2.OG., Oskar-Morgenstern-Platz 1,
1090 Wien

Fachdidaktisches Kolloquium

Univ.-Prof. Dr. Reinhard Oldenburg (Uni. Augsburg): „Experimente im
Mathematikunterricht beider Sekundarstufen“

(Details siehe Attachment)

Donnerstag, 4. Juni 2015, ab 10:00 Uhr bis Samstag, 6. Juni 2015, ab 9:15 Uhr, Tu Wien,
Seminarraum Zemanek, Favoritenstraße 9-11, 1040 Wien

WPI Symposium on New Frontiers in Knowledge Compilation

Details siehe Link: http://www.wpi.ac.at/event_view.php?id_activity=196

Organized by VCLA, WPI