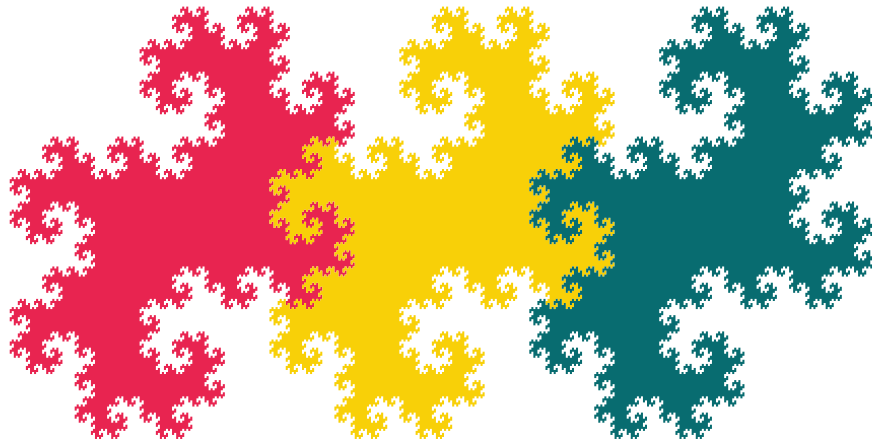


DOCTORAL PROGRAM
DISCRETE MATHEMATICS



TU & KFU GRAZ • MU LEOBEN
AUSTRIA

Invitation to the

Opening of the

Doctoral Program (DK)
Discrete Mathematics

This newly founded Doctoral College in discrete mathematics offers an advanced PhD training and research program. It is funded by the *Austrian Science Fund (FWF)* and the three supporting universities: *Graz University of Technology, University of Graz, and University of Leoben.*

Range of topics

- Commutative Algebra
- Number Theory
- Discrete Dynamics and Fractals
- Graph Theory
- Combinatorial Group Theory
- Discrete Stochastics
- Combinatorial Optimisation and Algorithmic Geometry
- Analysis of Algorithms, Cryptography

Faculty members

- István Berkes
(TU Graz)
- Rainer Burkard
(TU Graz, *associated*)
- Alfred Geroldinger
(KFU Graz, *deputy speaker*)
- Peter Grabner
(TU Graz)
- Clemens Heuberger
(TU Graz)
- Peter Kirschenhofer
(MU Leoben)
- Bettina Klinz
(TU Graz)
- Franz Lehner
(TU Graz, *associated*)
- Jörg Thuswaldner
(MU Leoben, *deputy speaker*)
- Robert Tichy
(TU Graz)
- Johannes Wallner
(TU Graz)
- Wolfgang Woess
(TU Graz, *speaker*)



Der Wissenschaftsfonds.

Friday, October 15, 2010

11:15 am

Lecture Hall BE01, Steyrergasse 30, 8010 Graz

PROGRAM

11:15 – 11:45 Introduction of the DK

Presentation of the DK members and students

11:45 – 12:30 Talk by *Prof. Jaroslav Nešetřil* (Prague)

Title: *Some modern dichotomies of mathematics
(and science in general).*

12:30 – 14:00 Lunch buffet

14:00 – 14:45 Talk by *Prof. Bojan Mohar* (Ljubljana)

Title: *Crossing numbers of graphs as a
fundamental mathematical concept.*

14:45 – 15:15 Coffee break

15:15 – 16:00 Talk by *Prof. Michael Barnsley* (Canberra)

Title: *Theory and applications of fractal
transformations.*

Please register informally until October 10, 2010 (Buffet)

Email: discrete@tugraz.at

Homepage: www.math.tugraz.at/discrete