MATHEMATIKKOLLOQUIUM

Das Institut für Mathematik lädt zu folgendem Vortrag ein:

Jiří Matoušek

Charles University, Prague and ETH Zurich

Geometry restricts combinatorics: how much?

You are cordially invited to a Special Colloquium within the framework of the Functional Analysis Seminar to be delivered by Professor Jiří Matoušek of Charles University (Prague) and ETH (Zurich). Professor Matoušek is a leading authority on combinatorics, convex and discrete geometry, and computer science. He has authored more than two hundred research papers as well as seven research monographs and textbooks. Professor Matoušek is the recipient of the European Mathematical Society Prize (1996) and of the Learned Society of the Czech Republic Scientist Award (2000).

Abstract: Questions about complexity of geometric configurations are often solved using general combinatorial tools, where the concrete geometric setting is abstracted away. Looking back at my research, it appears that I've been often attracted by various manifestations of the general question, how much we lose by leaving the geometric setting for a purely combinatorial one? I would like to discuss several examples of such phenomena and some of my favorite open problems.

Zeit: **Dienstag, den 21. Mai 2013 um 10:15 Uhr**

Ort: **Victor-Franz-Hess Haus, Technikerstraße 25, HS E**

Gäste sind herzlich willkommen!

Eva Kopecká