



universität
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Fakultät für Mathematik

Mathematisches Kolloquium

Mittwoch, 22. November 2017

Sky Lounge

EINLADUNG

Vera Fischer

(Universität Wien)

"On some set theoretic aspects of the geometric continuum"

"On some set theoretic aspects of the geometric continuum"

Abstract:

The notion of a cardinal characteristic of the continuum has emerged with the development of analysis already in the late 19th century. The study of the relevant infinitary combinatorial properties of the real line, on one side reveals unexpected connections between its algebraic and topological properties. On the other side, it brings to light many questions which are central to the foundations of mathematics and in particular its axiomatization. In the talk, I will try to explain some of the central ideas underling the subject of cardinal characteristics of the continuum and point out towards some of its most interesting open problems.

15.45 Uhr: Kaffeejause

16.15 Uhr: Vortrag

vinum cum pane im Anschluss

Christian Krattenthaler