

MATHEMATISCHES INSTITUT  
DER UNIVERSITÄT ZU KÖLN

## **Introduction to rational homotopy theory**

given by

**Professor Vitali Kapovitch**

**University of Toronto**

Dates:

Monday 07.07.14, 16-17:30 Uhr, Übungsraum 1  
Tuesday 08.07.14, 16-17:30 Uhr, Seminarraum 2  
Wednesday 09.07.14, 12:15-13:45 Uhr, Seminarraum 2

Abstract:

I will cover the following topics: fibrations and co-fibrations, Postnikov towers, rational homotopy equivalence, minimal models, formal spaces, elliptic spaces. Prerequisites are homology, cohomology, elementary homotopy theory.

Alle Interessenten sind herzlich eingeladen

Gez. A. Lytchak

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