



# Graduiertenkolleg 1150

## Homotopy and Cohomology

$$(E) (E_*(X), E_*(Y)) \Rightarrow [X, Y]$$

### Teaching Program

- Lecture courses
- Doctoral seminars
- Research seminars
- Summer/Winter schools

### Research Topics

- Stable and unstable homotopy theory
- Manifold invariants and field theories
- Cohomology of groups and geometric group theory
- Elliptic cohomology and K-theory

### Fellowships

- Qualifying
- Doctoral
- Postdoctoral

### Scientific Members **since October 2010**

- C.-F. Bödigheimer, Bonn ■ G. Laures, Bochum
- W. Lück, Bonn ■ S. Schwede, Bonn
- W. Singhof, Düsseldorf ■ C. Stroppel, Bonn
- P. Teichner, Bonn

**Details and Applications:**  
[www.math.uni-bonn.de/~GRK1150](http://www.math.uni-bonn.de/~GRK1150)  
 spokesman: Prof. Dr. C.-F. Bödigheimer  
 office: Endenicher Allee 62 ■ room 2.005 ■ 53115 Bonn  
 email: [grk1150@math.uni-bonn.de](mailto:grk1150@math.uni-bonn.de)



MAX-PLANCK-GESELLSCHAFT

