Oberseminar
Analysis und Theoretische Physik

Dr. Joachim Rehberg (WIAS Berlin)

On non-smooth parabolic equations

We discuss how to treat – even nonlinear – parabolic equations if the underlying domain is non-smooth, the coefficient functions are discontinuous, the boundary conditions are (possibly) mixed and surface densities are involved, the latter even varying in space and time.

The main instruments are maximal parabolic regularity on several relevant functional spaces and, additionally, optimal elliptic Sobolev regularity for second order divergence operators.

Dienstag, 10. Mai 2016, 15:00 Uhr, Raum c311
Hauptgebäude der Universität

Über Ihren Besuch würden sich freuen: **Prof. Dr. Wolfram Bauer**
Prof. Dr. Joachim Escher
Prof. Dr. Olaf Lechtenfeld
Prof. Dr. Elmar Schrohe
Prof. Dr. Christoph Walker