



WESTFÄLISCHE  
WILHELMS-UNIVERSITÄT  
MÜNSTER

Mathematische Institute der WWU – Kolloquium Wilhelm Killing

# Free Discontinuity Problems - Mumford Shah type Problems

(Solvability, Partial Regularity and Monotonicity Formulae)

Professor Stephan Luckhaus (Universität Leipzig)

24.05.2012, 16:30 Uhr, Hörsaal M 5

We extend and simplify the result by Carriero, De Giorgi, Leaci that (almost) minimizers of the (relaxed) Mumford Shah functional are regular outside a closed one codimensional set. The connection with the theory of minimal surfaces - GMT - and the method of monotonicity formulae will be explained. (Joint work with Dorin Bucur)

Tee wird ab 16:00 Uhr im Sitzungszimmer SR o des Mathematischen Instituts serviert.

Fachbereich 10  
Mathematik und Informatik  
<http://wwwmath.uni-muenster.de>

