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Mathematische Institute der WWU – Kolloquium Wilhelm Killing

# Singularities and topological quantum field theories

Professorin Katrin Wendland (Universität Freiburg)

Donnerstag, den 28.06.2012, 16:30 Uhr, Hörsaal M 5

From the viewpoint of geometry one is naturally led to the study of singularities, that is, of apparently discontinuous phenomena in geometry. Classical examples of such singularities include the so-called catastrophes. The mathematical structures arising in catastrophe theory, on the other hand, are also the fundamental mathematical ingredients of topological quantum field theories. This yields a geometric approach to topological quantum field theories, which will be the central theme of this talk.

Tee wird ab 16:00 Uhr im Sitzungszimmer SR 0 des Mathematischen Instituts serviert.

Fachbereich 10  
Mathematik und Informatik  
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