



Institut für  
Angewandte Mathematik



Leibniz  
Universität  
Hannover

# Oberseminar Analysis und Theoretische Physik

07.02.2012

**Prof. Li Ma**

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"2- Ricci flow"

**Abstract:**

This talk is about the Ricci flow in dimension two, which is a conformal flow. Considered as conformal metrics, the flow can be reduced to a single evolution equation. From here, one can see the local existence of the flow with the given initial data. In 2-d, any Riemannian metric is Kaehler and then the flow can be formulated as the Kaehler-Ricci flow. Based on these formulations, I shall discuss some recent results of the 2-d Ricci flow and interesting arguments involved.

**Dienstag, 14.02.2012, 14:00 Uhr, Raum G005  
Hauptgebäude der Universität**

**Über Ihren Besuch würden sich freuen:**

**Prof. Dr. Joachim Escher  
Prof. Dr. Bernhard Krötz  
Prof. Dr. Olaf Lechtenfeld  
Prof. Dr. Elmar Schrohe  
Prof. Dr. Christoph Walker**