



SFB Seminar + Vollversammlung

ZEIT:

29.1.2008, 15:00 Uhr - 19:00 Uhr

ORT:

HU-Berlin
Invalidenstraße 42
Nordbau, Hörsaal 8
10115 Berlin

PROGRAMM:

15:00 - 15:45 Vollversammlung des SFB 647

15:45 - 16:00 Pause

16:00 - 17:00 **Prof. Dr. Jan Louis (Desy)**

Particles, Strings and the Early Universe

In the first part of the talk I introduce the SFB 676 "Particles, Strings and the Early Universe". I will briefly discuss the present and future interest in studying the interface of particle physics, string theory and cosmology.

In the last part of the talk I concentrate on string theory and in particular on compactifications on manifolds with G-structure.

17:00 - 17:30 Kaffeepause

17:30 - 18:30 **Prof. Dr. Klaus Ecker (FU Berlin)**

Entropy formulas for geometric evolution equations

We present an entropy formula for the Ricci flow due to Perelman and discuss its connection with isoperimetric properties of the evolving manifold. Extensions to mean curvature flow will also be touched upon.

Kontakt:

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