



SFB-Seminar im ZIB

ZEIT:

9.6.2008, 15:00 Uhr - 18:00 Uhr

ORT:

Konrad-Zuse-Zentrum für Informationstechnik Berlin (ZIB)
Takustrasse 7
14195 Berlin-Dahlem

PROGRAMM:

15:00 - 16:00 **Dr. Hans Ringström (Stockholm)**

Future stability for the Einstein-non-linear scalar field system, power law expansion

In the case of Einstein's equations coupled to a non-linear scalar field with a suitable exponential potential, there are solutions for which the expansion is accelerated and of power law type. In the talk I will discuss the future global non-linear stability of such models. The results generalize those of Mark Heinzle and Alan Rendall obtained using different methods.

16:00 - 16:30 Kaffeepause

16:30 - 17:30 **Dr. Matthias Staudacher (AEI Golm)**

Integrability and the AdS/CFT Correspondence

I will review recent progress towards the exact solution of planar supersymmetric $N=4$ gauge field theory through the discovery of integrable structures in the AdS/CFT correspondence.

Kontakt:

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