

Gravity in three dimensions**Workshop: April 14–April 24 2009**Erwin Schrödinger International Institute for Mathematical Physics
Vienna, Austria

Organizers: H. Grosse, D. Grumiller, R. Jackiw, D. Vassilevich

WEEK 2**Monday, April 20, 2009**

- 09:15 - 09:30 ANNOUNCEMENTS FOR THE SECOND WEEK
- 09:30 - 10:30 DAVID LOWE
Black hole complementarity in AdS3
- 10:30 - 11:00 COFFEE BREAK
- 11:00 - 12:00 XI YIN
From 3D Gravity Partition Function to the CFT
- 12:00 - 14:30 LUNCH BREAK
- 14:30 - 15:30 MAXIMO BANADOS
Bigravity and cosmology
- 15:30 - 16:00 COFFEE BREAK
- 16:00 - 17:00 THOMAS HARTMAN
The Kerr/CFT Correspondence: Holography for Real-world Black Holes

Tuesday, April 21, 2009

- 09:00 - 10:00 IVO SACHS
Quasi normal modes and Stability of the BTZ black hole in topologically massive gravity
- 10:00 - 10:30 COFFEE BREAK
- 11:30 - 11:30 SERGEY SOLODUKHIN
Geometric entropy of 2d black holes and AdS3/CFT2
- 12:15 - 13:30 LUNCH TALK AT VUT: OLAF HOHM
Massive gravity in three dimensions
- 14:30 - 15:30 DIMA VASSILEVICH
Hunting Chern-Simons in graphene
- 15:30 - 16:00 COFFEE BREAK
- 16:00 - 17:00 DIETMAR KLEMM
3d gravity with torsion and AdS/CFT

Wednesday, April 22, 2009

- 09:30 - 10:30 JACK GEGENBERG
3D Gravity from 2D Ricci Flow
- 10:30 - 11:00 COFFEE BREAK
- 11:00 - 12:00 MELANIE BECKER
Chiral Supergravity
- 12:00 - 14:30 LUNCH BREAK
- 14:30 - 15:30 MASSIMO PORRATI
Canonical Quantization of 3D Pure Gravity and Universal Teichmuller Space
- 15:30 - 16:00 COFFEE BREAK
- 16:00 - 17:00 SEBASTIAN DE HARO
Dual Gravitons in AdS₄/CFT₃ and the Holographic Cotton Tensor

Thursday, April 23, 2009

- 09:30 - 10:30 DIONYSIOS ANNINOS
Warped anti-de Sitter Space in topologically massive gravity
- 10:30 - 11:00 COFFEE BREAK
- 11:00 - 12:00 BERND SCHROERS
Non-commutative structures and the Galilean limit in 3d quantum gravity
- 12:00 - 14:30 LUNCH BREAK
- 16:00 - 17:00 GABOR KUNSTATTER
Polymer Quantization of the BTZ Black Hole

Friday, April 24, 2009

- 09:30 - 10:30 DIMITRI FURSAEV
Quantum Entanglement and Gravity
- 10:30 - 11:00 COFFEE BREAK
- 11:00 - 12:00 VICTOR ISAKOV
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- 12:00 - 14:30 LUNCH BREAK
- 14:30 - 15:30 WORKSHOP SUMMARY
- 15:30 - 16:00 COFFEE BREAK
- 16:00 - 17:00 GOOD BYE!

All lectures take place in the ESI Boltzmann Lecture Hall.