



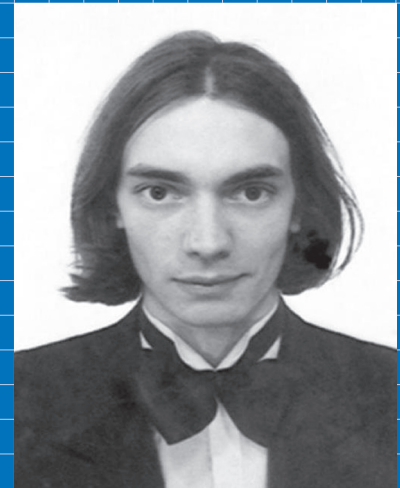
**Berlin
Mathematical
School**

BMS Friday Colloquium

Friday, 10 July 2009, 3:00 pm

Tea before the lecture starts at 2 pm

Max Planck Institute (MPI) for Gravitational Physics
(Albert Einstein Institute) in Golm
Hörsaal - Central Building

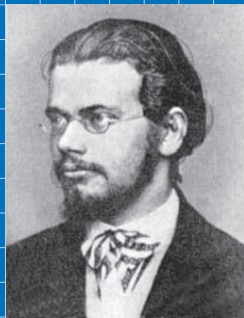


Cedric Villani

Cedric Villani (ENS Lyon/Princeton):

"Entropy: the mathematical heritage of Ludwig Boltzmann"

In this lecture Cedric Villani discusses how Boltzmann's discoveries about entropy and the second law of thermodynamics, although developed for physical motivations, have found applications in various fields of mathematics and is still at the basis of current research in e.g. the mathematical theory of kinetic gases, probability theory, Riemannian geometry or Von Neumann algebras.



Ludwig Boltzmann

