

THE STRING THEORY UNIVERSE - 22nd European string workshop and
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Talk 1: Natalia Pinzani Fokeeva

Monday, 20 February 2017 11:30 (20 minutes)

Title: Dissipative hydrodynamics from effective field theory

I will provide a first principle formulation of an effective field theory for hydrodynamics. The key feature is the underlying Schwinger-Keldysh partition function and its symmetries which can be implemented using superspace techniques. I will also show how a conserved entropy current arises naturally in this formalism.