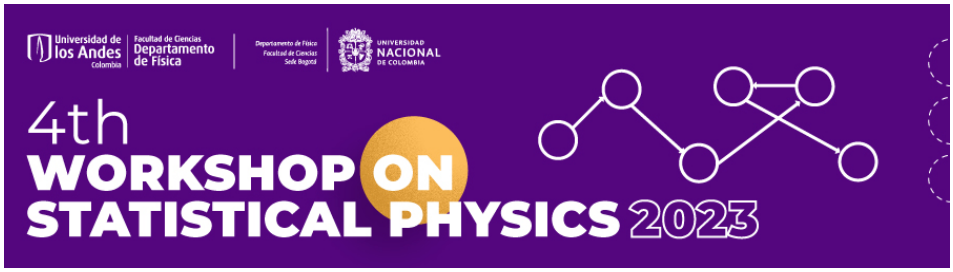

Contribution ID: **10** Tipo: **Invited talk**

One-particle engine with a porous piston

viernes, 6 de octubre de 2023 9:20 (20 minutos)

A modification of the classical Szilard engine is presented, where pores have been drilled on the piston. This change allows for the traversal of the particle from one side of the piston to the other, making it unnecessary to remove the piston from the engine, nor measure the position of the particle for the engine to do work. The dissipation on energy occurs when the mass over which the engine does work is reset.

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Session Classification: Invited Talks

Track Classification: Statistical Physics