

BENEMÉRITA UNIVERSIDAD AUTÓNOMA DE PUEBLA



**INSTITUTO DE FÍSICA
“Luis Rivera Terrazas”**



**SEMINARIO
“DR. JESUS REYES CORONA”**

**“Quantum Simulation
Analog Maxwell Daemon & Digital para-Bose
Oscillator”**

**Dr. Blas Manuel Rodríguez Lara
Escuela de Ingeniería y Ciencias, Tecnológico de
Monterrey, Campus Monterrey**

Ion traps are quite a versatile and robust platform for quantum simulation. They allow for both analog and digital approaches with minimal losses. In this talk, we will introduce the platform and discuss two recent proposals that involve an Ytterbium ion trap to simulate a heat flow reversal in an analog manner, and a para-Bose oscillator in a digital one.

Webinario transmitido en la plataforma Google Meet
Ingresando meet.google.com/fdu-rhfu-fvq
Viernes 28 de agosto de 2020
13:00 Hrs.