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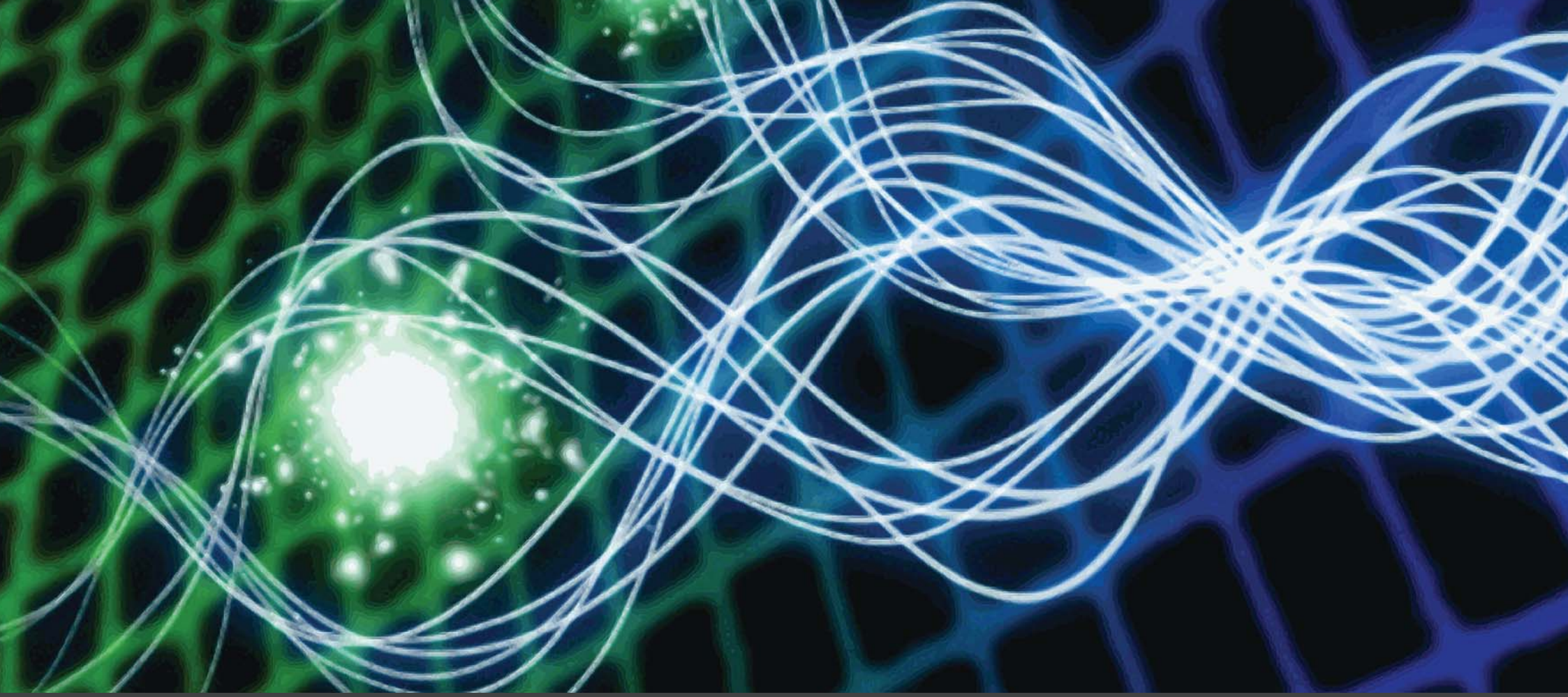
PHYSICS colloquia 2015



Quantum optics provides a high-precision toolbox to enter and to control the quantum regime of the motion of massive mechanical objects. This opens the door to a hitherto untested parameter regime of macroscopic quantum physics. Due to the large available mass range – from picograms in nanomechanical waveguides to kilograms in mirrors for gravitational wave detection - it becomes possible to explore the fascinating interface between quantum physics and gravity in table-top quantum optics experiments.

SAVE THE DATE

21APR

Markus Aspelmeyer *Universität Wien, Vienna, Austria*

Schrödinger's Mirrors: confronting quantum physics with gravity

UNIVERSITÀ DEGLI STUDI DI MILANO
DOTTORATO DI RICERCA IN FISICA
ASTROFISICA E FISICA APPLICATA

L'incontro si terrà alle **ore 15:00**
nell'**aula A** del **DIPARTIMENTO DI FISICA**
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