

# Seminar

Prof. Mark Kasevich

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## Testing gravity and quantum mechanics with atom interferometry

Friday, June 30, 2017

at 11:30 h

ESI, Boltzmann Lecture Hall

**Abstract:** Recent de Broglie wave interference experiments with atoms have achieved wavepacket separations as large as 54 cm over time intervals of 2 sec. These experiments, and their impact on gravitational and quantum physics, will be discussed.

M. Aspelmeyer

June 28, 2017