



UNIVERSITÀ
DEGLI STUDI
FIRENZE

“Interferometry with Bose Einstein condensates”

PROGRAMME

10:00: Colloquium

Enrico Fermi Colloquium

Friday 11 November 2016 10:00 a.m.



LENS - Via Nello Carrara 1

Sesto F.no (Firenze)

Conference room Querzoli



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ABSTRACT

We explore interferometry with Bose Einstein condensates for improving on the state-of-the-art in quantum sensing both on ground and in space. The talk will report on the status of our research, in particular about the approaching DLR sounding rocket mission MAIUS, motivated by multidisciplinary applications ranging from gravimetry to gravitational waves detection.

Klein Colloquium by Francesco Poggiali: “Quantum control of electronic and nuclear spins in diamond”

