

# PHYSICS COLLOQUIA 2022/2023



## PHYSICS

**MAR07**  
**2023**

**Dmitry Butker** | Helmholtz Institute-Johannes Gutenberg University Mainz (DEU) & University of California at Berkeley (USA)

**ELEPHANT SAFARI: SEARCHES FOR ULTRALIGHT BOSONIC DARK MATTER  
WITH ATOMIC & MOLECULAR PHYSICS AND NMR.**

ore 14:30 | AULA A | VIA CELORIA 16 MILANO

The hitherto unknown composition of dark matter is one of the embarrassing "elephant-in-the-room" problems of contemporary science. We will discuss experimental approaches to nongravitational detection of a currently popular class of dark matter candidates that can be searched for in laboratory experiments.



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