

Abstract Submitted
for the MAR05 Meeting of
The American Physical Society

BEC in a novel magnetic trap for many-atom cavity QED KEVIN MOORE, University of California at Berkeley, KATER MURCH, THOMAS PURDY, SUBHADEEP GUPTA, DAN STAMPER-KURN — We have produced a Rb-87 BEC in novel mm-scale Ioffe-Pritchard trap. The trap is designed to interface with a high finesse optical cavity with the goal of performing cavity QED with ultracold atomic samples. Performance of the trap and recent experimental progress will be discussed.

Kevin Moore
University of California at Berkeley

Date submitted: 01 Dec 2004

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