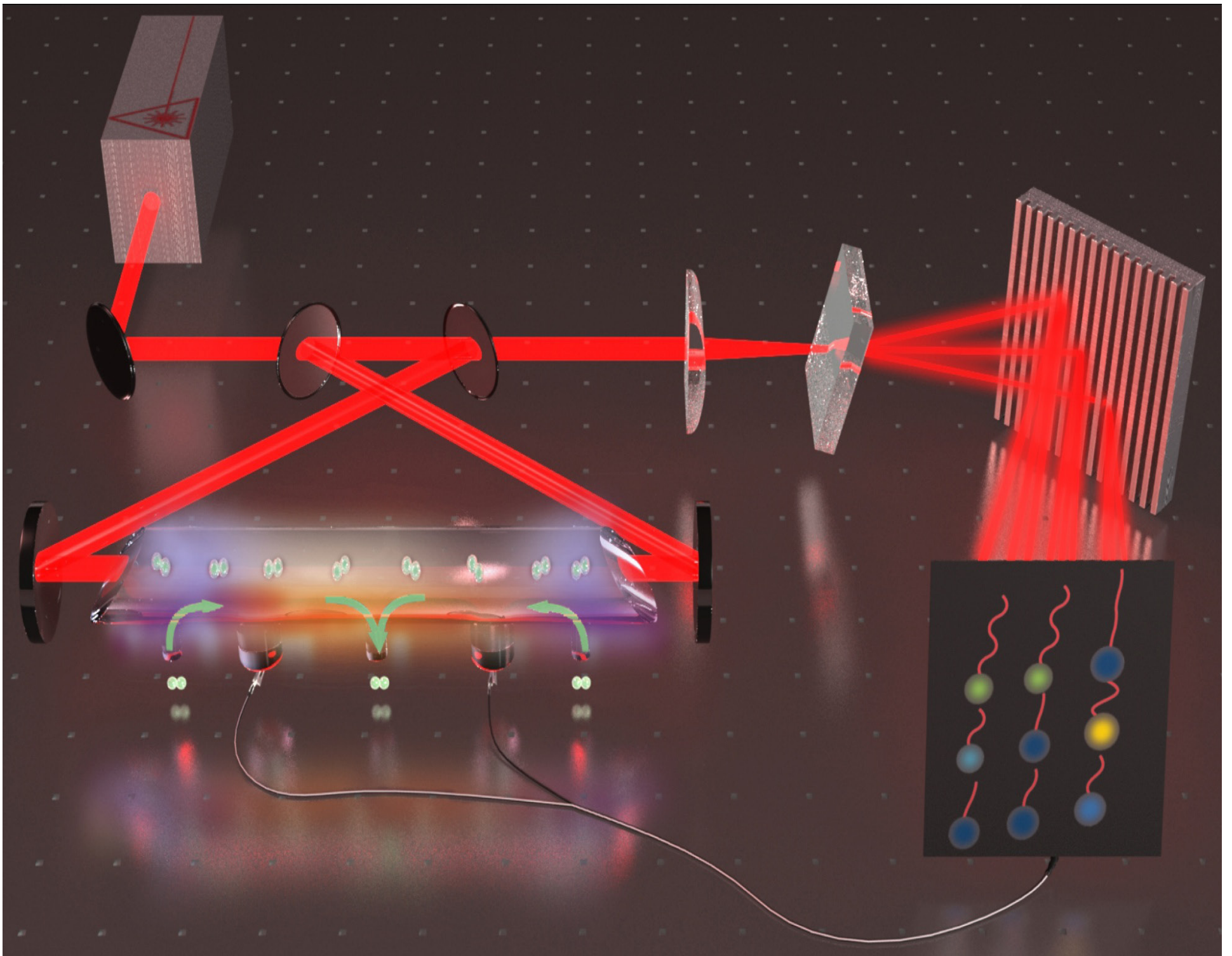


Boston University Physics Colloquium

The 2012 Dean Edmonds, Sr. Distinguished Lecture



Searching for Exotic Physics in a Pin-Head Sized Storage Ring

In every experiment to date, the electron appears to be essentially spherical - its north and its south poles seem exactly the same. In the world's smallest particle physics lab, we are taking a closer look, trying to determine if it is, in fact, a little egg-shaped at the level of 10^{-15} femtometers. The out-of-roundness, the electron's so-called Electric Dipole Moment, provides clues to the kinds of particles that might be discovered at monster facilities, such as the Large Hadron Collider.

Eric Cornell

Nobel Laureate, University of Colorado and JILA, Boulder

April 24, 2012 (Tuesday) at 3:30pm (Refreshments at 3:15pm)

SCI 109, Metcalf Science Center, Boston University

Call: Winna Somers (wsomers@bu.edu) (617) 353-9320

Hosts: Lee Roberts and Larry Sulak

