

ERIC CORNELL, NOBEL LAUREATE



<https://tinyurl.com/36z2spmh>

Chester Peterson Lecture

4:30 pm

April 14, 2026

101 Cardwell Hall

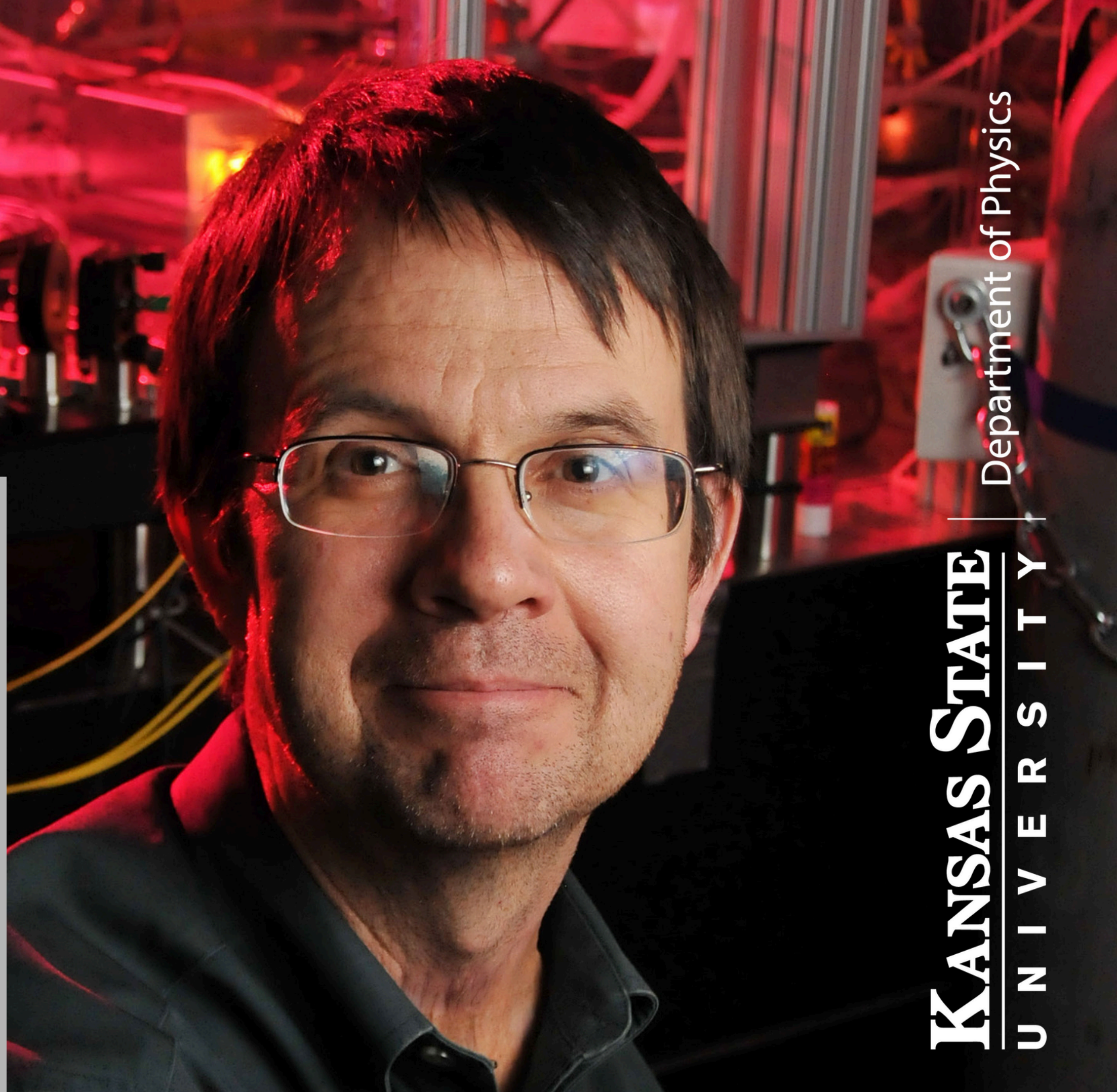
Refreshments at 4 pm in 119
Cardwell Hall

Location

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Department of Physics

KANSAS STATE
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LOOKING FOR FOSSILS OF THE BIG BANG

How can you learn about the early moments of the universe? How can you discover evidence for new sub-atomic particles? We usually think of ever-more exotic telescopes, or of ever-larger particle accelerators. I will talk about a third option which is analogous to fossil hunting. We will see that a deeper look into the humble electron today might shed light on a mystery from 14 billion years ago.

Eric Cornell is a senior scientist at the National Institute of Standards and Technology and a Fellow of JILA. He is the recipient of numerous honors, including the 2001 Nobel Prize in Physics, shared with Carl Wieman and Wolfgang Ketterle.