

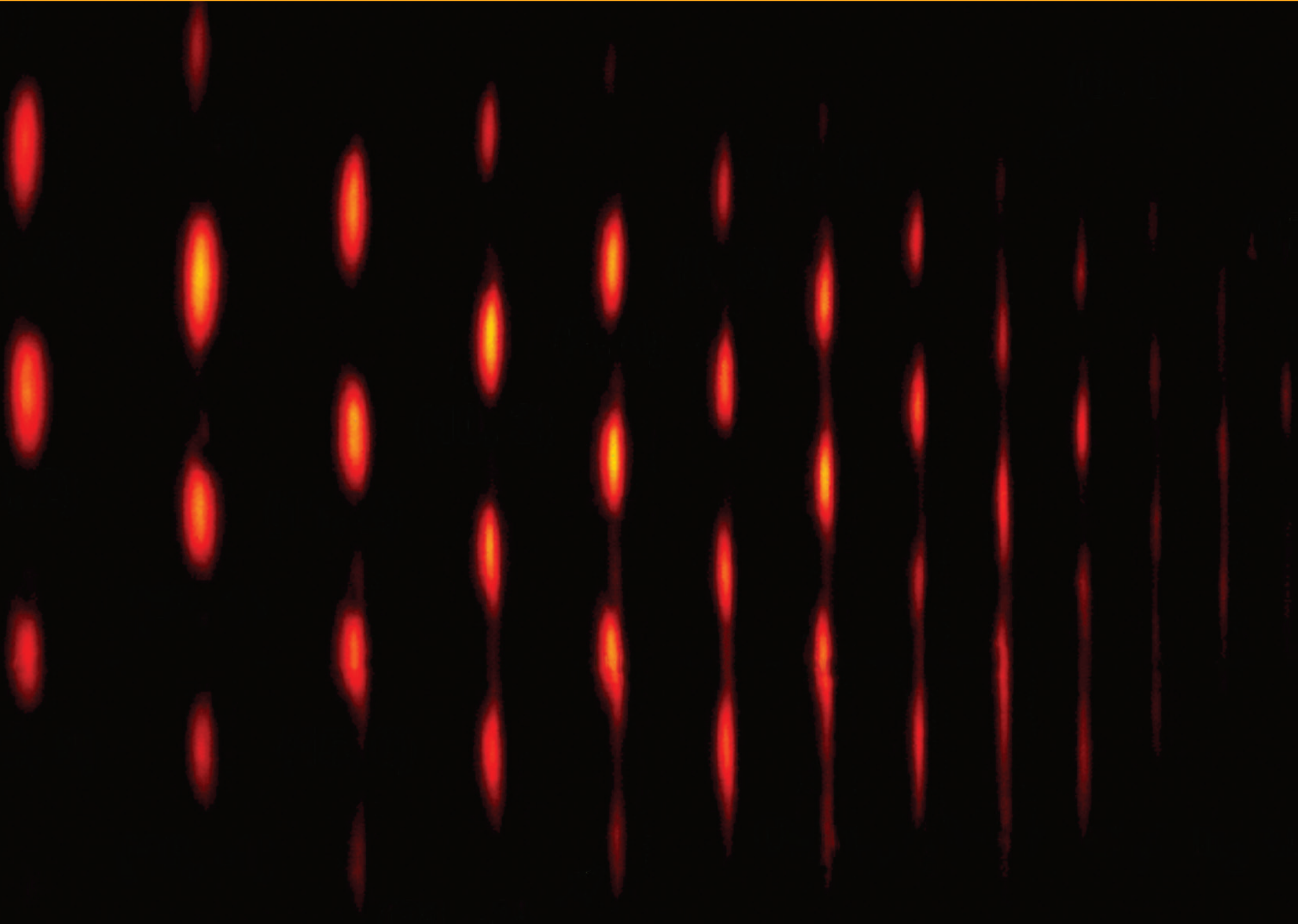
**Program in Plasma Science
and Technology**

**Distinguished Speaker
Lecture Series**

**Tuesday, February 10
7:30 p.m.**

**Room J-223, E-Quad
Olden Ave., Princeton**

Plasma Physics at the Atomic Level



Prof. Paul Corkum

Department of Physics,
University of Ottawa
and Canadian National
Research Council

The talk will describe the deeper understanding of the effects of strong fields on atomic and molecular physics made possible by his invention of high-power short-pulse X-ray lasers based on optical-field multiphoton ionization. These systems have achieved record levels of intensity and brevity, allowing scientists to probe, with unprecedented spatial and temporal resolution, the detailed geometry, chemistry, and attosecond evolution of small systems, exploiting and “photographing” the orbitals of electrons.

FREE AND OPEN TO THE PUBLIC

Sponsored by the Princeton Plasma Physics Laboratory and the School of Engineering and Applied Science, Princeton University