

STRONG-FIELD AND ATTOSECOND PHYSICS: A THEORY PERSPECTIVE

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Strong-field and attosecond physics allow unique access to time and space resolved electronic and nuclear motion in quantum systems, with perspectives for insights and applications across atomic, molecular and condensed matter physics.

In the talk, I will review the paradigms of this research field, and point to challenges and possibilities in elucidating the correlated quantum mechanical motion of several particles, including new developments in time-dependent many-body theory.

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2:00 PM

CFEL
SEMINAR ROOMS I-III

