

COULOMB EXPLOSION IMAGING OF DYNAMICS IN COMPLEX MOLECULES

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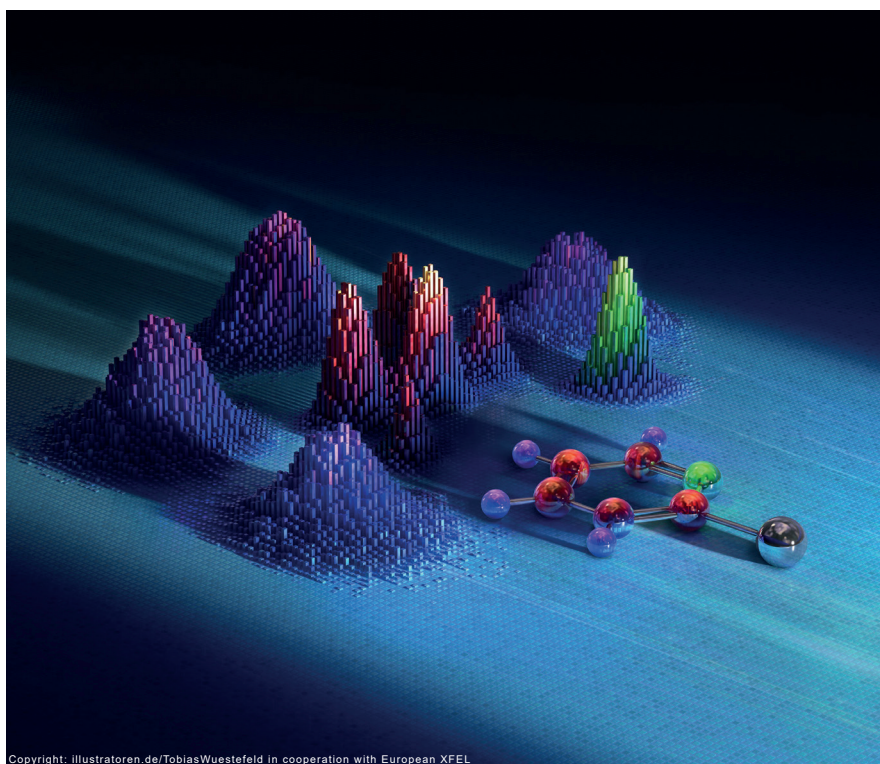
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Schenefeld
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X-ray FEL-induced Coulomb explosion can capture snapshots of complex molecules including all hydrogens in a reaction microscope/ COLTRIMS. It can also reveal tiny, correlated structure fluctuations in the ground state, and disentangle light-induced dynamics by selecting specific classes of fragmentation channels, even when multiple reaction pathways are present.

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2:00 PM

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