

WELCOME AND INTRODUCTIONS

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This talk will provide an introduction to this mini-symposium, which features advances in high-harmonic generation and the spectroscopy it enables. This strong-field process is a sensitive probe of small-molecule electronic structure, as the spectrum of the extreme ultraviolet (XUV) photons produced by the ionization-recollision process measures the shape and energy of the molecular orbitals. Furthermore, the XUV pulse can be used as an element-specific probe of electron dynamics in molecules and materials at femtosecond to attosecond timescales.