The Excited States in Isolated Molecules Group at the Stanford PULSE Institute seeks candidates for a postdoctoral position

The Excited States in Isolated Molecules Group is part of the Stanford PULSE Institute. Our research aims at an understanding of coupled electron-nuclear dynamics during photophysical and photochemical processes in the excited states of organic molecules. This requires experiments with a time resolution in the femtosecond domain as well as a spatial resolution on the atomic level. We are pushing this frontier with ultrafast spectroscopy at short wavelengths from the vacuum ultraviolet to the soft x-ray spectral domain and with ultrafast diffraction experiments.

Our new project investigates gas phase molecular dynamics with laser laboratory based ultrafast sources. In addition, the postdoctoral candidate will have the opportunity to complement these investigations with experiments at the unique facilities of SLAC National Accelerator Laboratory, the x-ray free electron laser LCLS and the megaelectronvolt ultrafast electron diffraction facility.

Our research is based at the SLAC National Accelerator Laboratory and Stanford University. PULSE is a very collaborative and inspiring research environment and we have well-established worldwide collaborations with groups in our research field.

Requirements: We search for an excellent and highly motivated candidate with a PhD degree in physics, chemistry or related fields and ideally a background in ultrafast laser experiments.

Terms and Benefits: The Postdoctoral Scholar position carries an initial one-year term, renewable to a maximum of three years, with competitive salary and benefits.

What to send: Please send an application with a brief motivation letter indicating your interests, a CV, a publication list, and the contact information of three references. We will start reviewing applications and continue so until the positions are filled.

Contact and further information
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