Post Doctoral Research Associate in Ultrafast Electron Diffraction

The Applied Research Center of Old Dominion University has an immediate opening for a Postdoctoral Fellow to work in the area of ultrafast electron diffraction.

A Ph.D. in Physical Chemistry, Physics, Electrical Engineering, or a related field is required. Experience in operating and maintaining amplified femtosecond lasers is required.

For more information, please contact:

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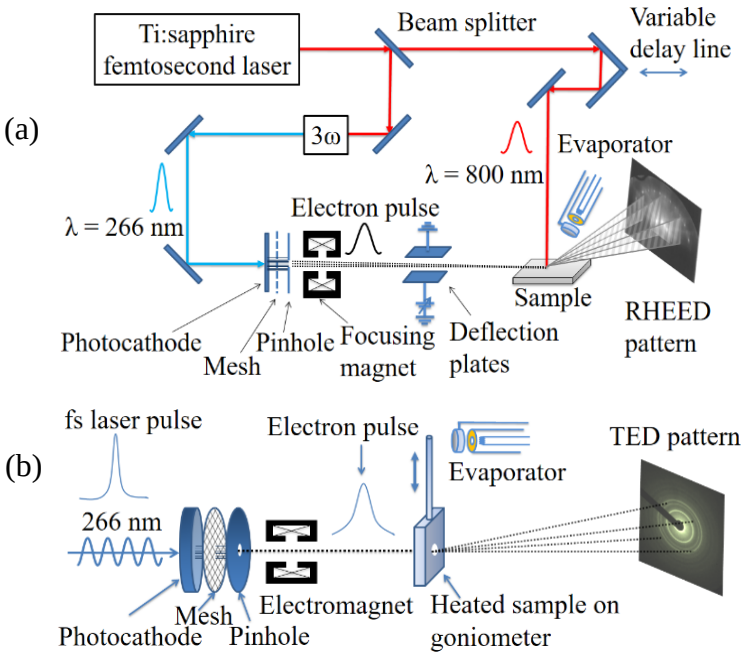

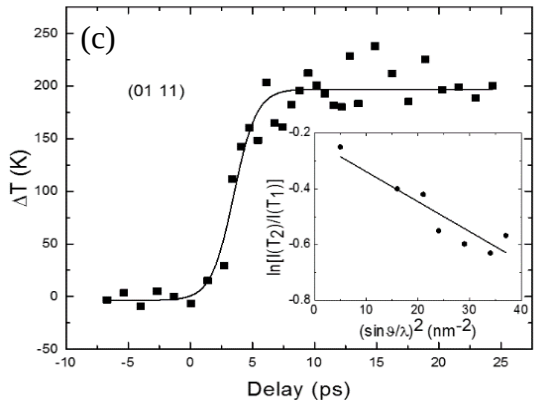

(a) UED in the reflection geometry; (b) In the transmission geometry. In reflection, the nanoparticles are deposited on a crystal surface, while in transmission the nanoparticles are deposited on a thin membrane. (c) UED of 20-nm Sb film showing lattice heating by electron-phonon coupling. The inset is the change in diffraction intensity for different orders used to obtain Debye temperature $\theta_D = 174 \pm 14$ K.