

Shooting X-rays at the nitrogen molecule like it's 2022

Wednesday 15 June 2022 15:30 (25 minutes)

Using synchrotron radiation and state of the art instruments we uncover more about the electronic structure of N_2 . In this presentation we will look at new core-excited states in N_2^+ studied by X-ray absorption spectroscopy and how the vibrational wavefunction of N_2 can be imaged by resonant inelastic X-ray scattering.

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