

学术报告

Nonlinear propagation effects of high harmonics generated in a macroscopic gaseous medium

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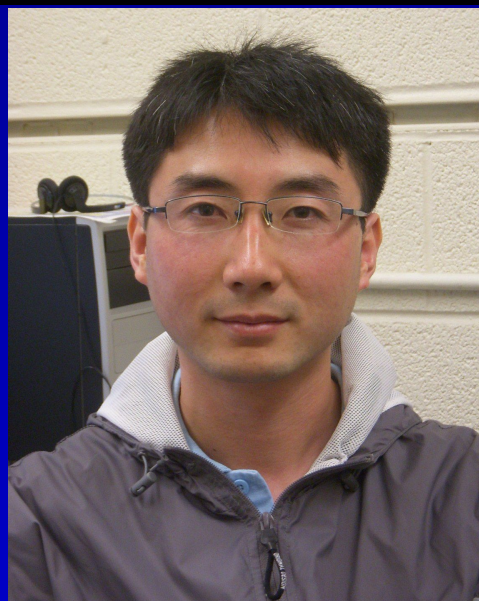
堪萨斯州立大学

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频标楼4楼会议室

About the speaker:

Cheng Jin received the B.S. and M.S. degrees in Physics from Northwest Normal University, Lanzhou, Gansu, China, in 2003 and 2006, respectively and the Ph.D. degree in Physics from Kansas State University, Manhattan, Kansas, USA, in 2012.



Dr. Jin is currently a Research Associate in the Department of Physics at Kansas State University. His research is mainly about the strong-field physics, attosecond science, and ultrafast optics from the theoretical aspects, specifically including the development of macroscopic propagation model for high harmonics, the waveform synthesis for improving harmonic efficiency, the generation of an isolated attosecond pulse, the harmonic generation in a hollow waveguide, the photoionization of aligned molecules with high-harmonic light, and the molecular tunneling ionization.

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