

Joint CQSE and CASTS Seminar

2018
Dec. 21, Friday

TIME Dec. 21, 2018, 14:30 ~ 15:30
TITLE Coherent EUV Light Generation and Its Application on
Nanometrology
SPEAKER Prof. Ming-Chang Chen
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Abstract

Recently, ultrafast, coherent EUV science and technology has received a lot of attentions, especially with respect to tabletop EUV produced by high harmonic generation. The femtosecond-to-attosecond EUV pulse enables the dynamics of chemical reactions and nano-materials to be studied with unprecedented temporal and spatial resolution. In this talk, I will first introduce how we produce coherent EUV light, especially how we for the first time demonstrated circularly polarized isolated attosecond pulses. Additionally, I will give some examples of how coherent EUV probe next-generation nano-devices.

