



# SEMINAR

***07<sup>th</sup> December 2016 - 2:00 p.m.***  
CFEL-bldg. 99, seminar room IV

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## **Magnetic field effects in strongly driven atoms and pathways of frustrated ionization in strongly driven triatomic molecules**

Recollision is the underlying mechanism of strong field physics. I discuss a yet unknown aspect of electron-electron dynamics in the context of atoms. Namely, how recollision can be used as a probe of magnetic field effects at intensities much smaller than expected. In addition, I discuss the pathways of frustrated ionization in triatomic molecules and show how to probe these different ionization channels.