



## William F. Schlotter

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### Bio

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#### EDUCATION AND CERTIFICATIONS

- PhD, Stanford University , Applied Physics (2007)
- MS, Stanford University , Applied Physics
- BSE, University of Michigan , Engineering Physics (2002)

### Publications

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#### PUBLICATIONS

- **Femtosecond X-ray induced changes of the electronic and magnetic response of solids from electron redistribution.** *Nature communications*  
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- **Magnetic Switching in Granular FePt Layers Promoted by Near-Field Laser Enhancement** *NANO LETTERS*  
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2017; 17 (4): 2426-2432
- **Anti-Stokes resonant x-ray Raman scattering for atom specific and excited state selective dynamics** *NEW JOURNAL OF PHYSICS*  
Kunnus, K., Josefsson, I., Rajkovic, I., Schreck, S., Quevedo, W., Beye, M., Greubel, S., Scholz, M., Nordlund, D., Zhang, W., Hartssock, R. W., Gaffney, K. J., Schlotter, et al  
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- **Development, experimental performance and damage properties of x-ray optics for the LCLS free-electron laser**  
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- **A setup for resonant inelastic soft x-ray scattering on liquids at free electron laser light sources** *REVIEW OF SCIENTIFIC INSTRUMENTS*  
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- **Femtosecond Single-Shot Imaging of Nanoscale Ferromagnetic Order in Co/Pd Multilayers Using Resonant X-Ray Holography** *PHYSICAL REVIEW LETTERS*  
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