

High-Impact Discovery

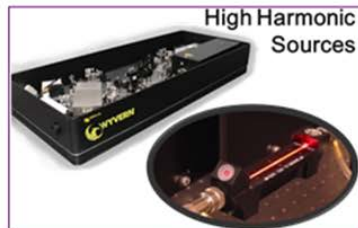
- Extreme Ultraviolet Nanotechnologies -

Extreme Ultraviolet (EUV) ERC based at Colorado State University

Compact coherent EUV sources commercialized.



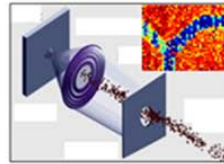
Table-top EUV Lasers



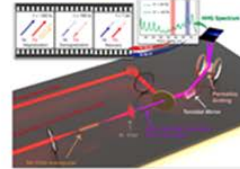
Compact High Harmonic

New Tools for materials characterization

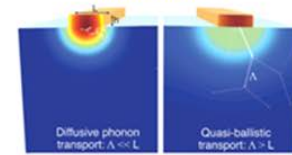
3D-composition nano-imaging of materials and cells



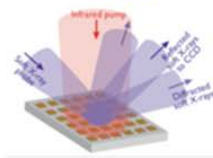
Ultrafast switching of magnetic materials



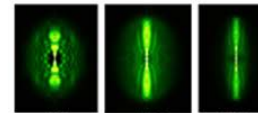
Heat transport in nanostructures



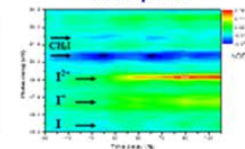
Photoacoustic materials metrology



Reaction microscopes for atmospheric, materials, and molecules

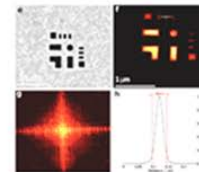


Ultrafast chemical material transformation absorption



Nanoscale Imaging and Patterning Solutions

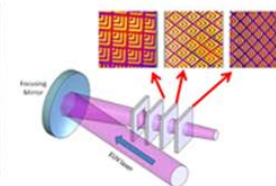
22nm spatial resolution coherent diffractive imaging



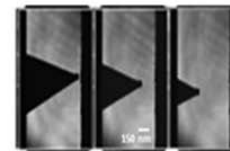
At-wavelength table-top metrology for EUV lithography



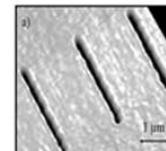
Table-top nano-scale printing by Talbot lithography



Movies of nano-scale dynamic phenomena



Laser-nanomachining



MET patterning of EUV lithography resists

