

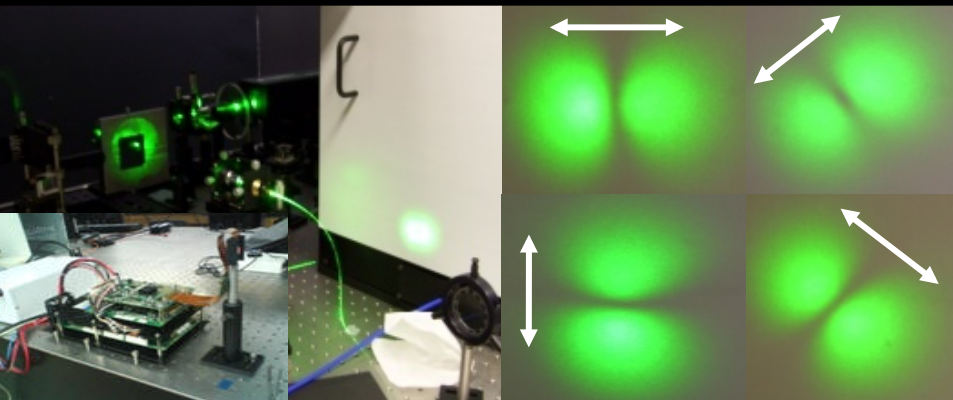


Dr. Qiwen Zhan <http://academic.udayton.edu/qiwenzhan>

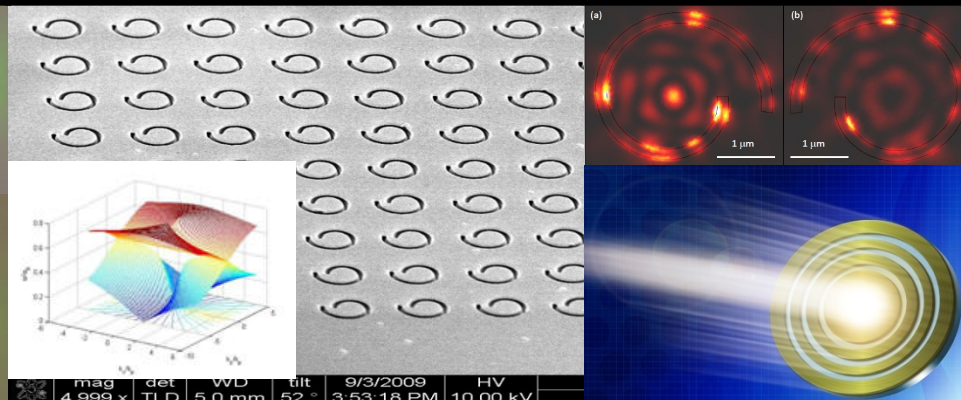
Nano Electro-Optics Laboratories (NEOL)

Dr. Zhan's research interests are mainly in the general area of physical optics and quantum electronics. Currently he is interested in utilizing modern fabrication tools to achieve subwavelength spatial engineering of light wave properties and subsequently manipulate the light matter interactions on the nanometer scale. The localized light matter interactions are exploited in the development of new nanoscale imaging capabilities for nanophotonics, biophotonics, nanomaterials characterization and metrology.

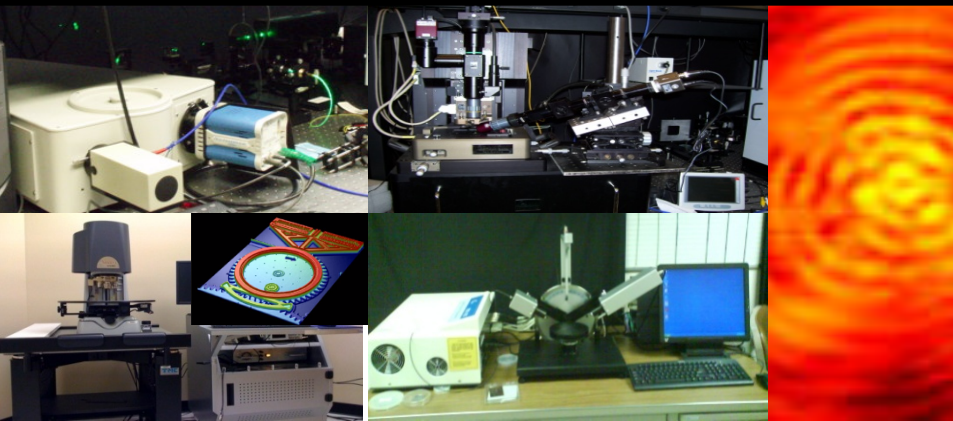
Vector Field Engineering and Sensing



Metamaterials and Plasmonics



Nanocharacterization and Nanometrology



Bio-Imaging and Sensing

