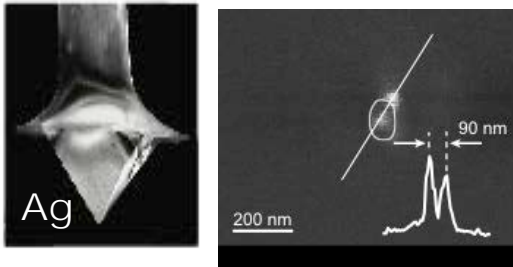


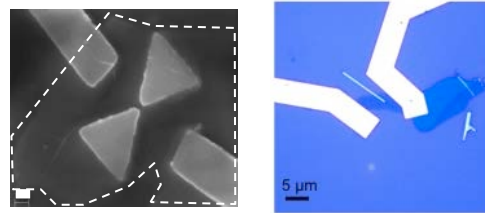
## nano-microscopy & spectroscopy



D. Smith *et al.* Nano Lett 11 123 (2013).

R. Beams *et al.* Nanotech (2015).

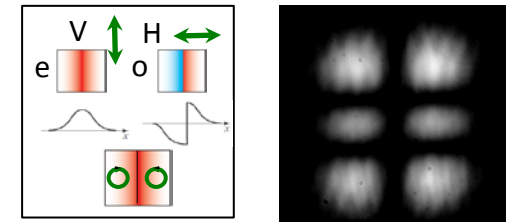
## nanophotonic devices



K. Goodfellow, *et al.* Optica 1, 149 (2014).

K. Goodfellow *et al.* Nano Lett ASAP (2015).

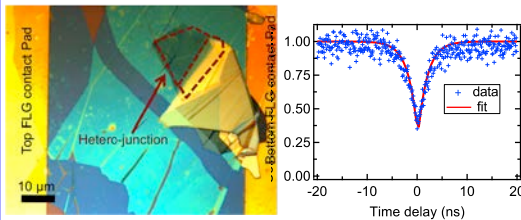
## "classical" entanglement



T. Malhotra, *et al.* submitted (2015).

X. Qian, *et al.* submitted (2015).

## solid-state quantum optics



C. Chakraborty *et al.* Nature Nano 10 507 (2015).

C. Chakraborty *et al.* submitted 10 507 (2015).

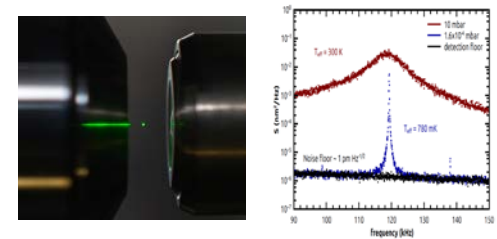
## nano-optics

quantum optics

condensed matter

"...techniques of quantum & nano-optics and tools of nanoscience to realize a new generation of quantum-based optoelectronic devices"

## cavity-free nanoparticle opto-mechanics



L. Neukirch, *et al.* Opt Lett 24 28 (2013).

L. Neukirch, *et al.* Nature Photonics (2015).