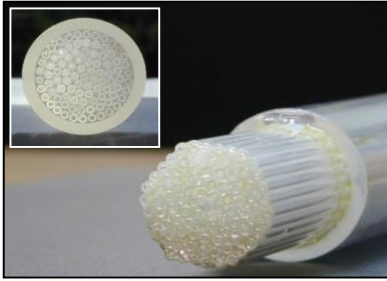
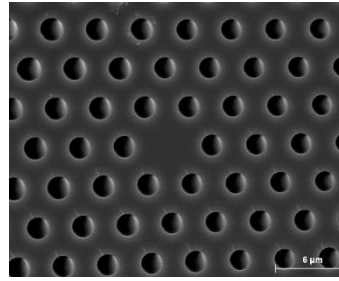


Fabrication of Photonics Crystal Fibers (PCF)

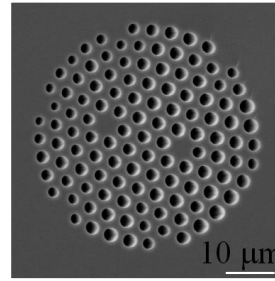
- Fabrication of silica-based microstructured optical fibers using the stack-and-draw technique



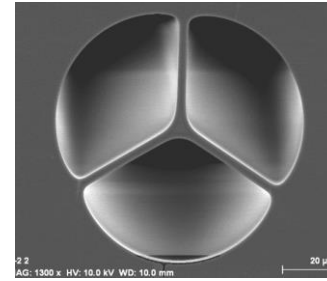
Stack of capillaries



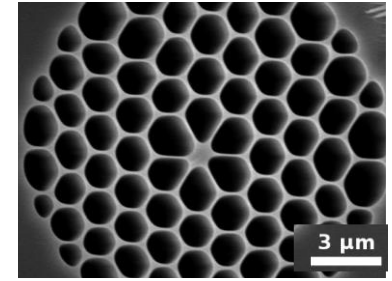
Single-mode PCF



Two-core PCF

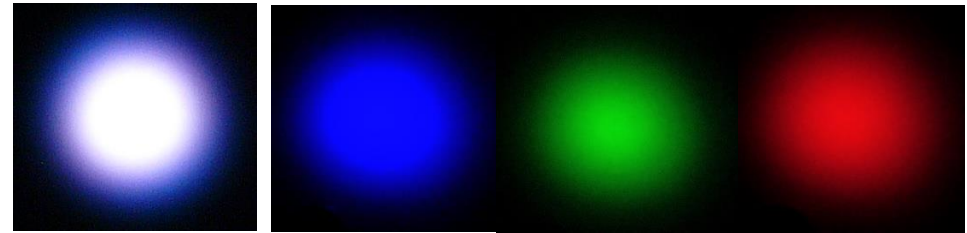


Suspended-core PCF



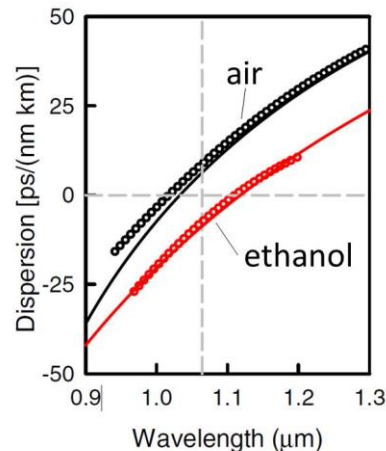
Non-linear PCF

- Fabrication of PCF with special chromatic dispersion properties for supercontinuum generation, four wave mixing (FWM) and polarization modulation instability (PMI)

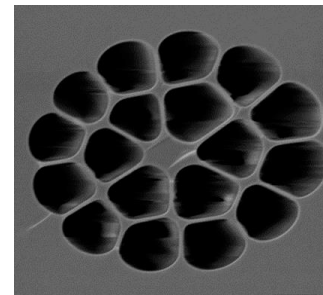


Single-mode supercontinuum emission: images with three color filters

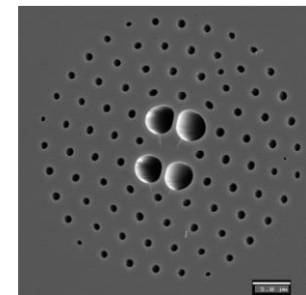
- Infiltration of PCF with liquids for chromatic dispersion tuning via thermo-optic effect



- PCF with special polarization properties



Highly birefringent PCF



PCF with special polarization properties