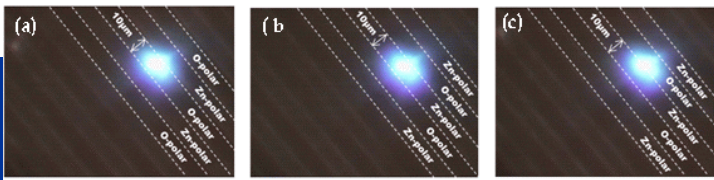
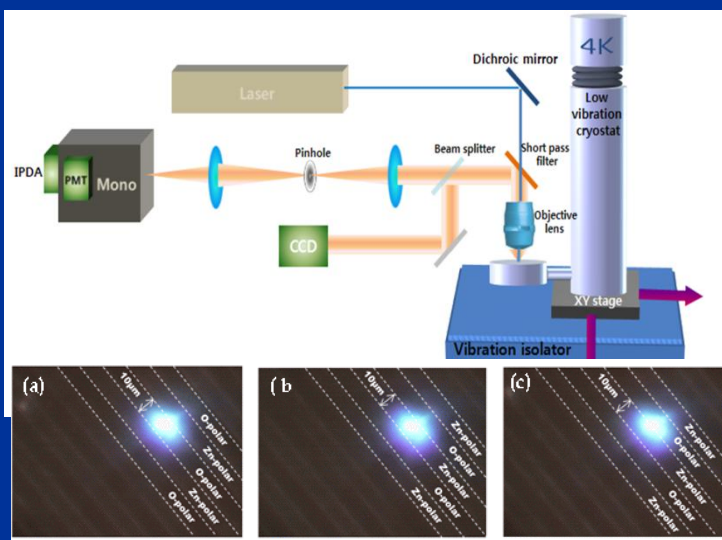


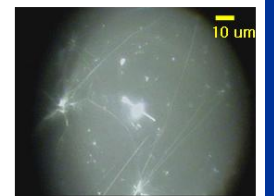
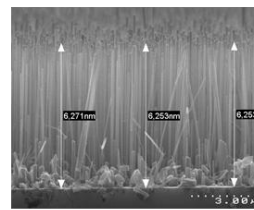
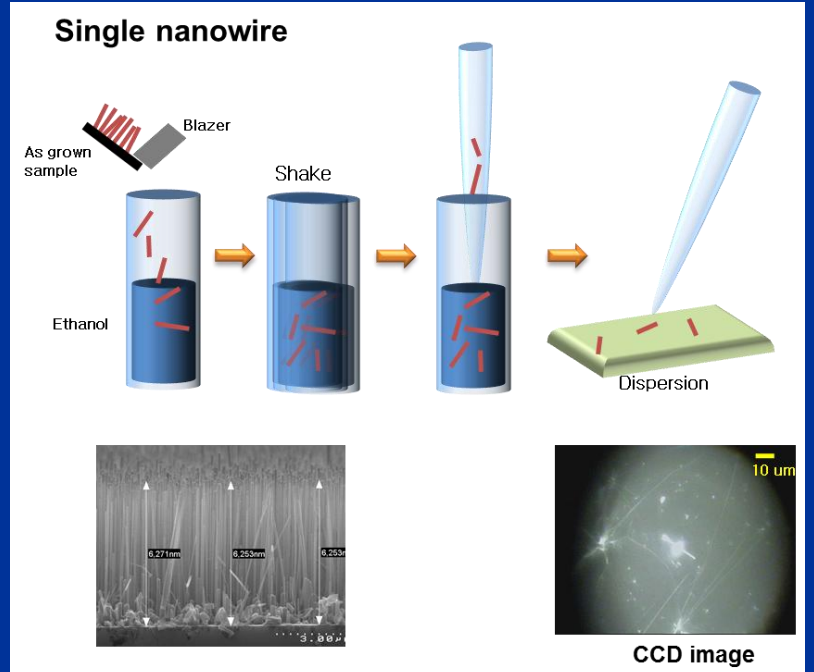
Spatially-resolved PL (micro-PL) System

Micro-PL Schematic

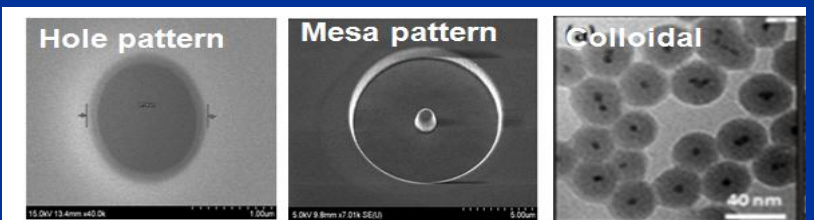


Nanostructure have unique properties compare to bulk structure, but it is difficult to observe the quantized properties from the nanostructure ensemble due to the inhomogeneous size distribution. Using micro PL set up, we can study the optical properties of single nanostructure, instead of ensemble.

Single semiconductor nanostructure



CCD image

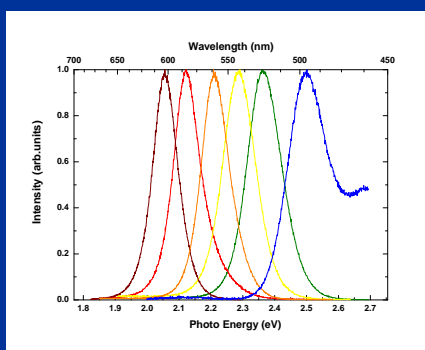


Optical properties of semiconductor nanostructures

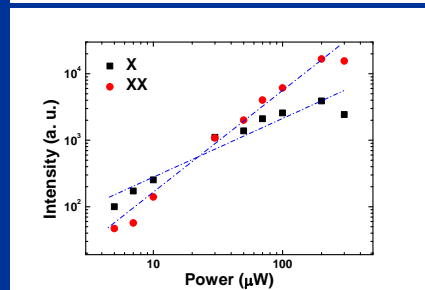
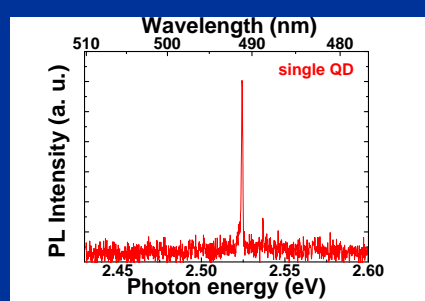
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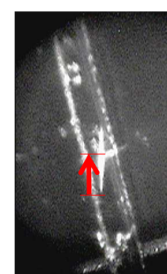
Emission spectrum



CCD image



Angle resolved study



CCD image using micro-PL setup

