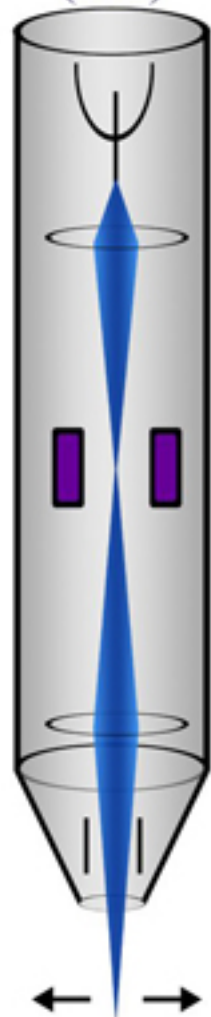
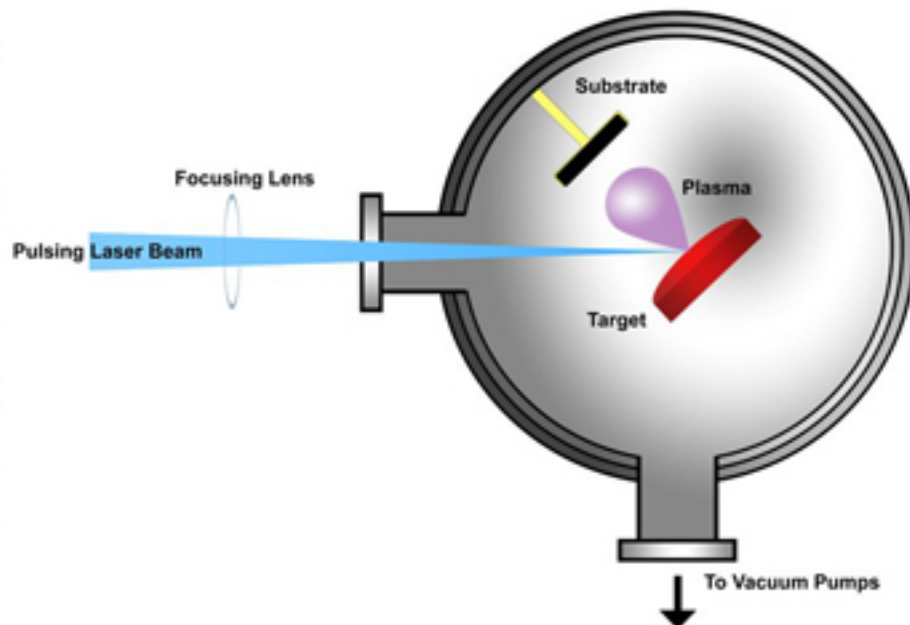
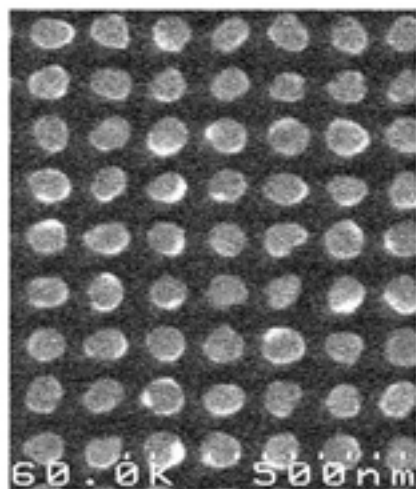
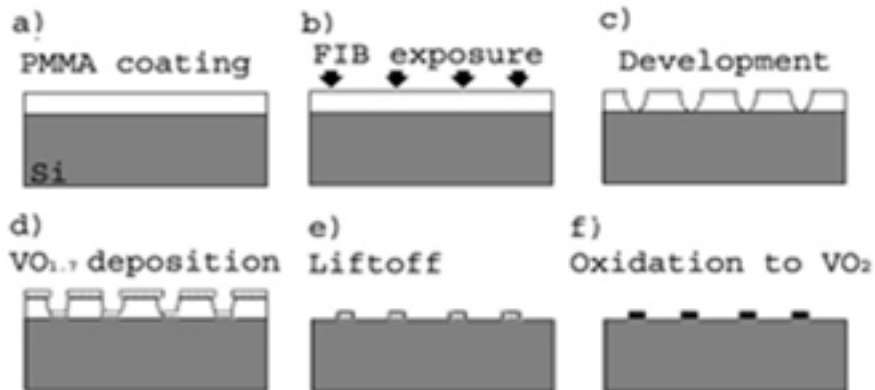


## Focused Ion Beam (FIB)

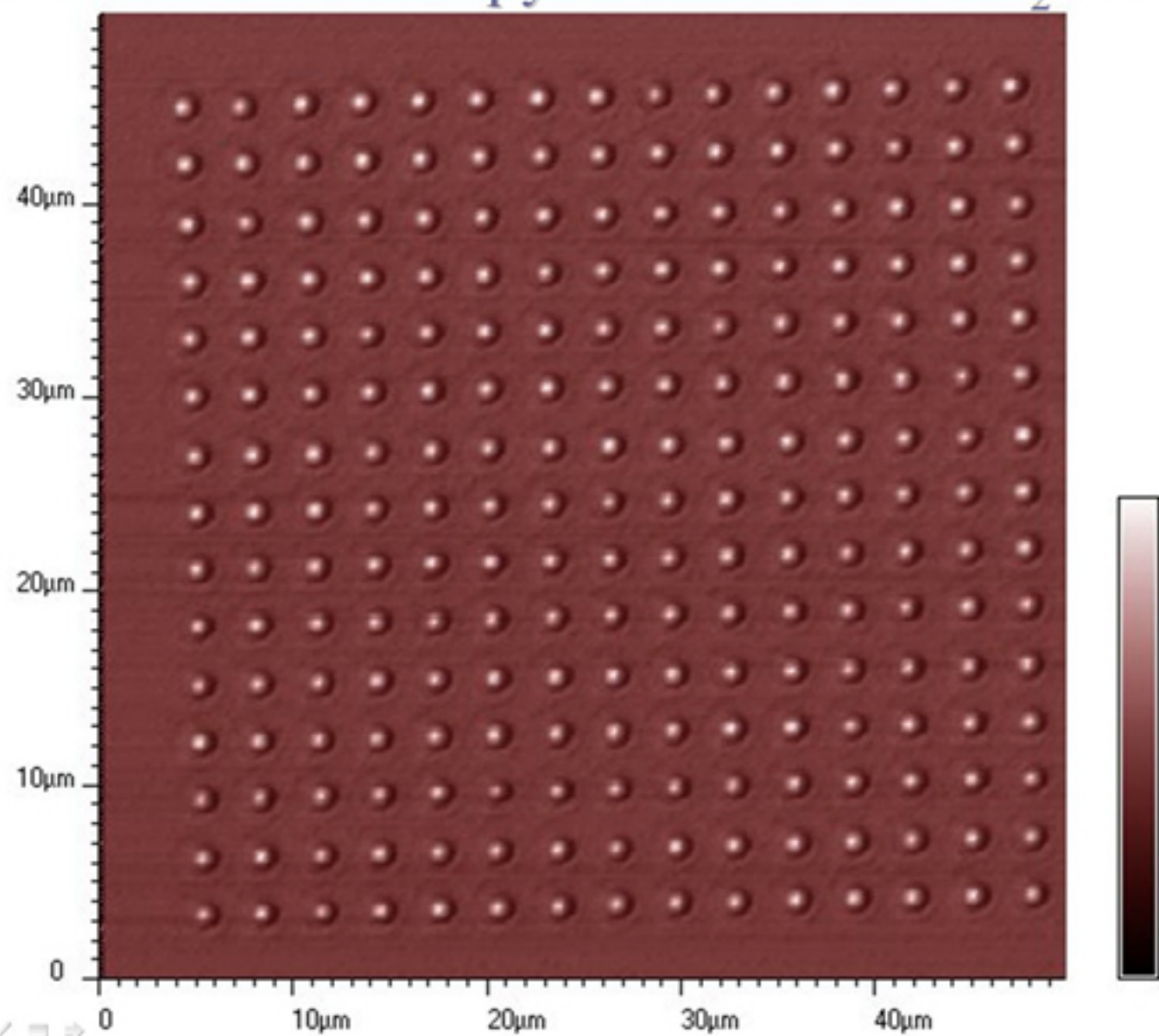


30-keV Ga<sup>+</sup> FIB

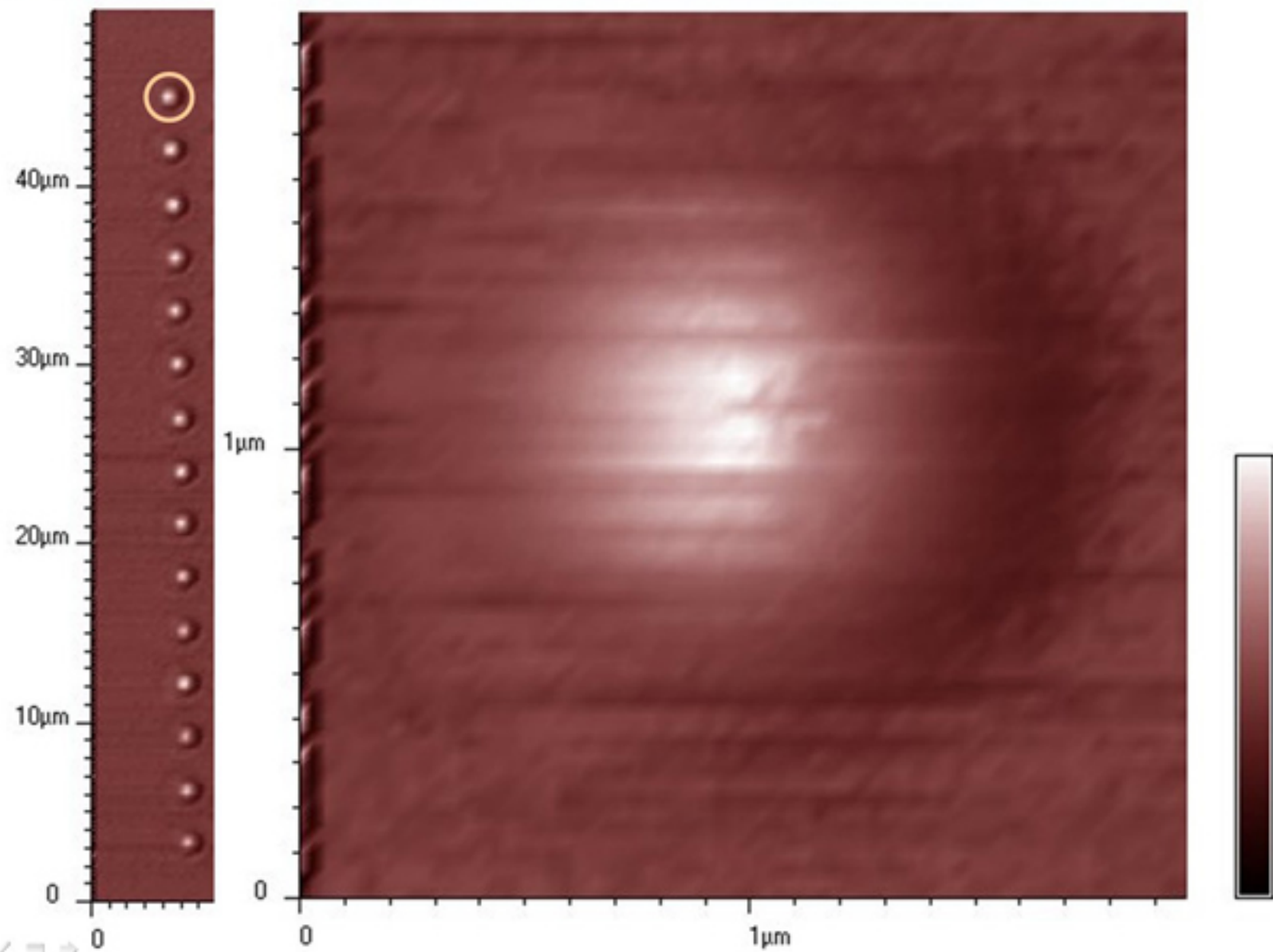
## Nanocrystal Arrays Fabrication

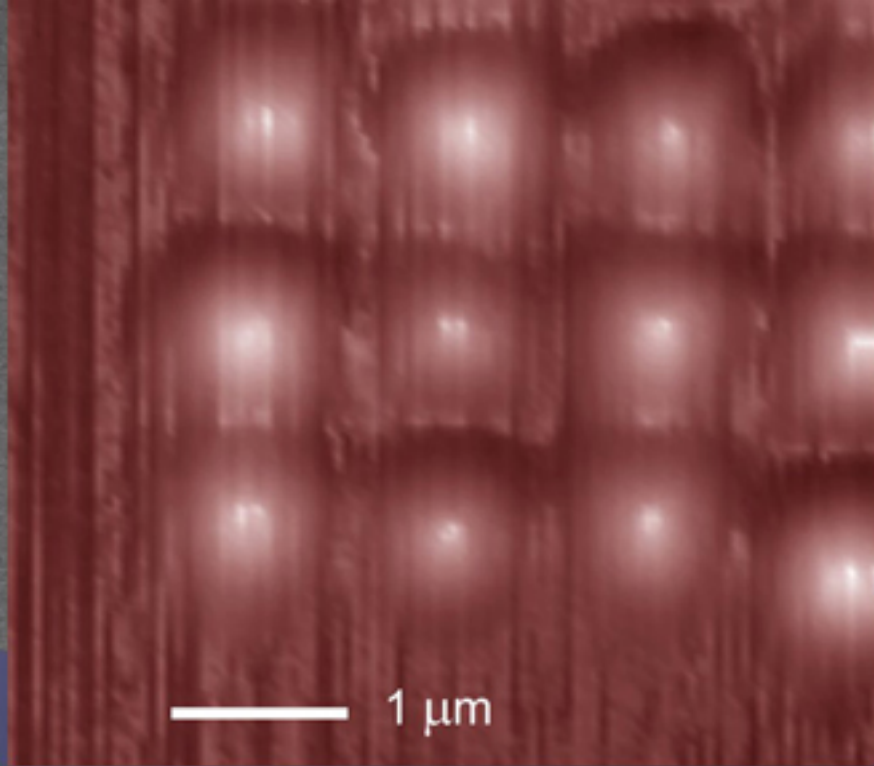
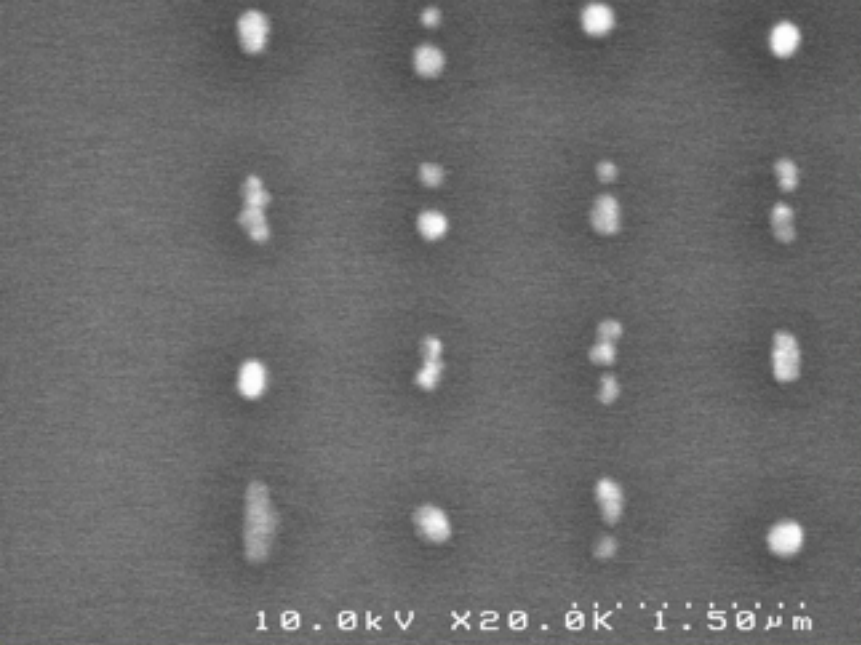


# Confocal Microscopy of Individual $\text{VO}_2$ Nanocrystals

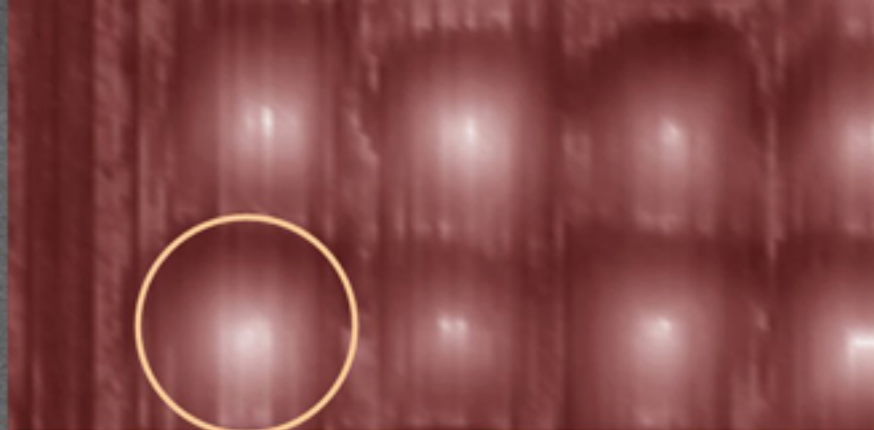
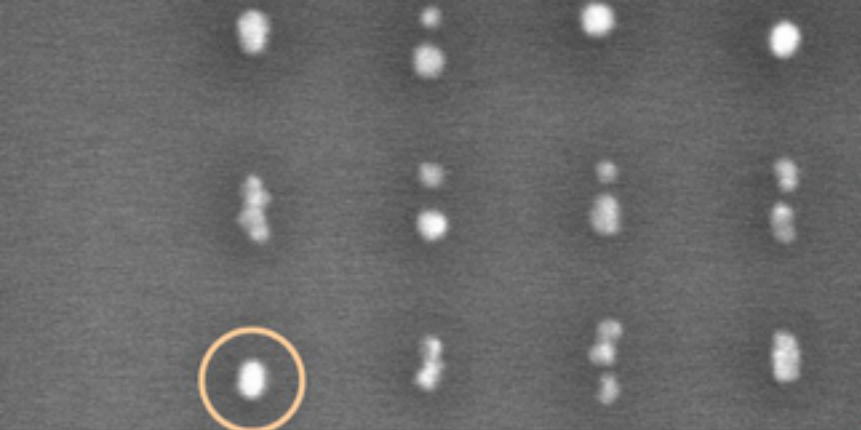


# Confocal

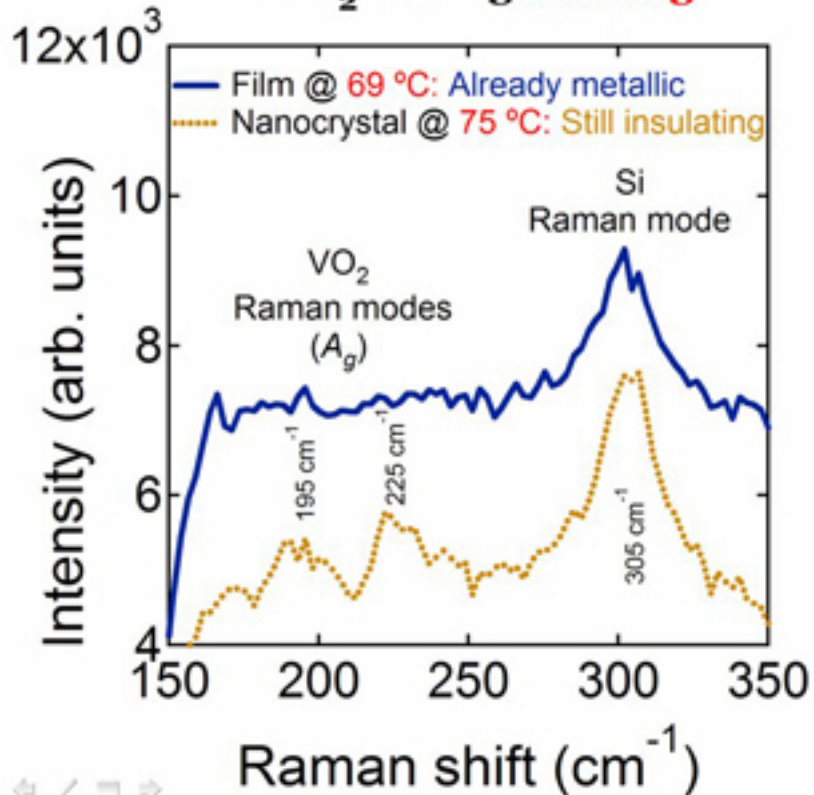




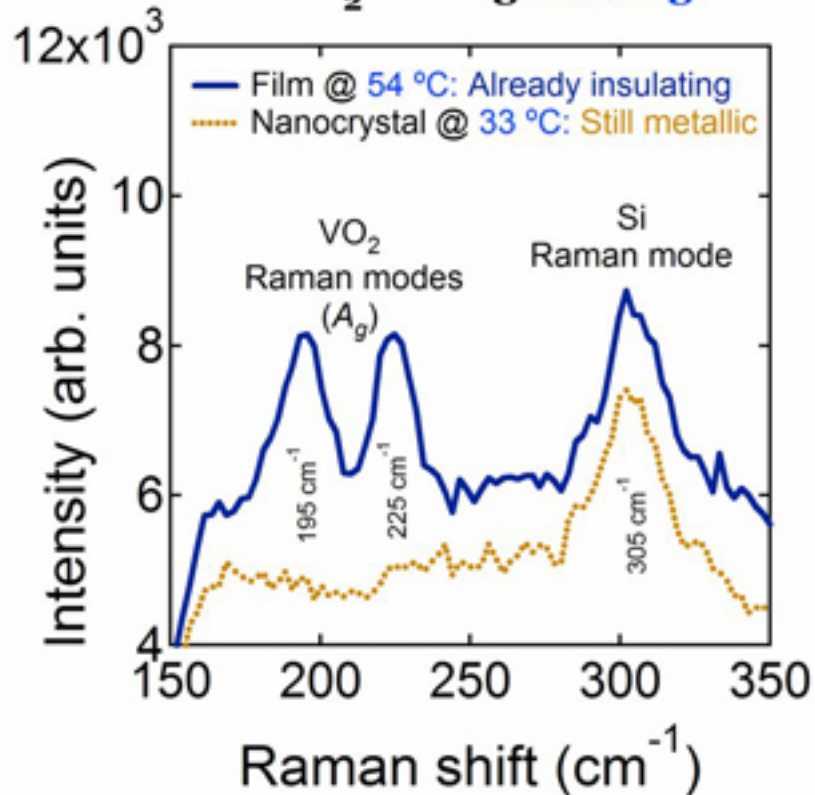
Confocal Raman  
of  
Individual  
VO<sub>2</sub> Nanocrystals



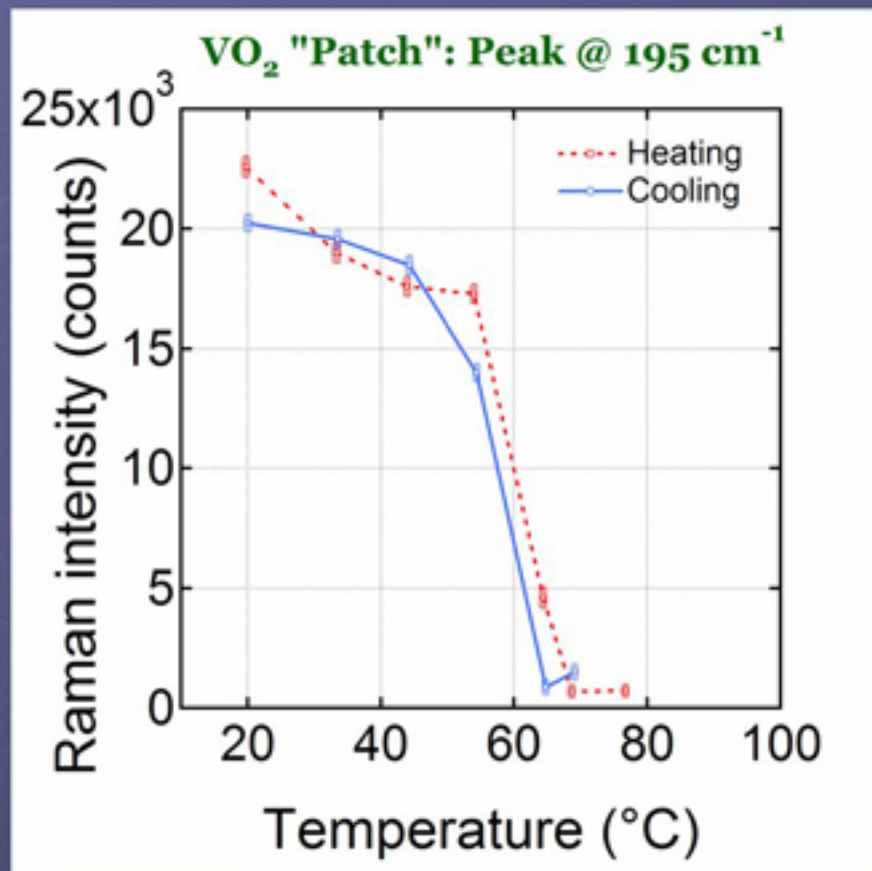
**VO<sub>2</sub> during Heating**



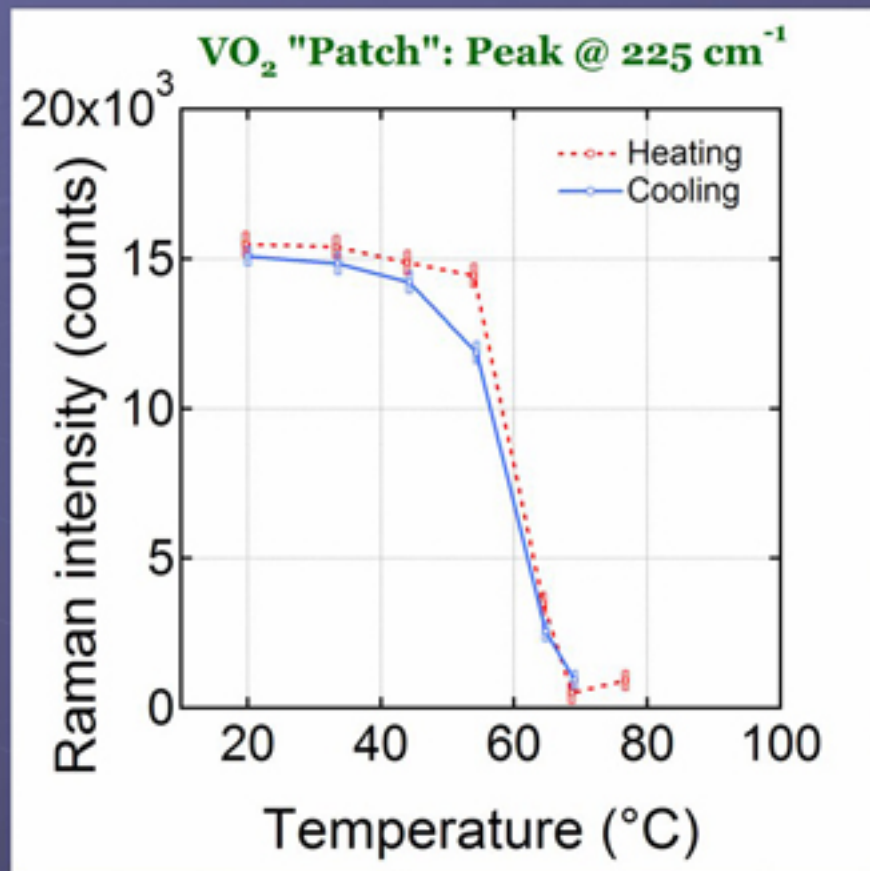
**VO<sub>2</sub> during Cooling**



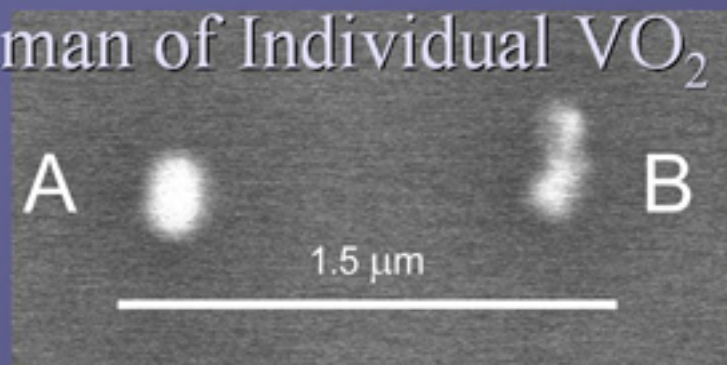
# Confocal Raman of VO<sub>2</sub> Film “Patch”



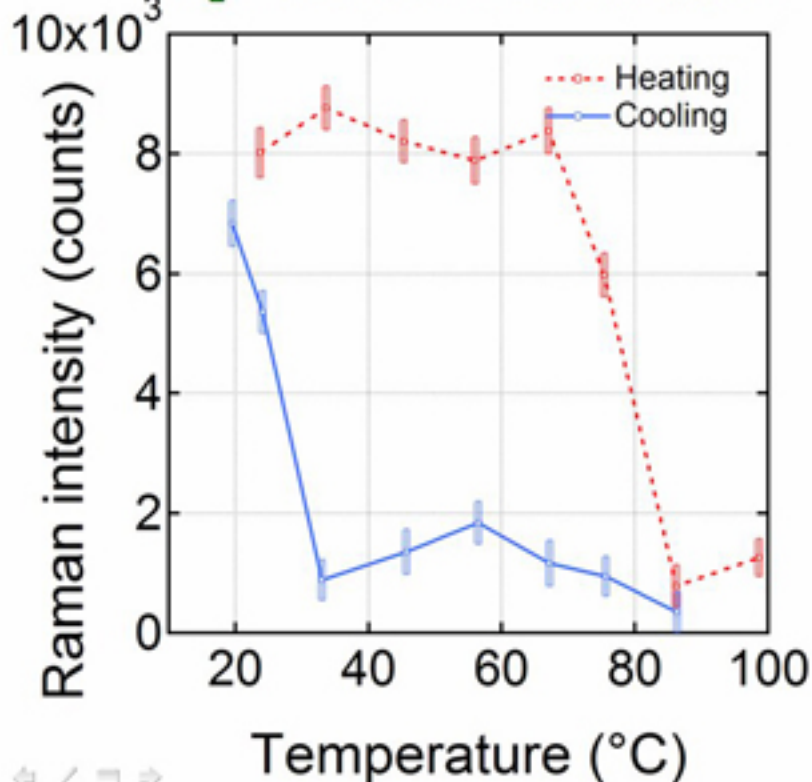
# Confocal Raman of VO<sub>2</sub> Film “Patch”



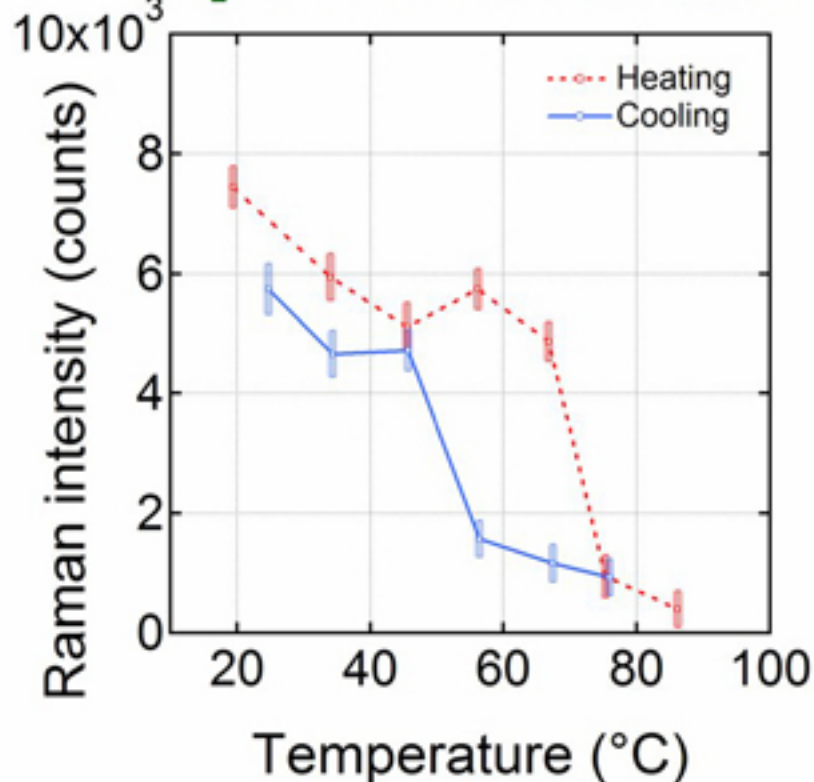
# Confocal Raman of Individual VO<sub>2</sub> Nanocrystals



VO<sub>2</sub> "Particle A": Peak @ 195 cm<sup>-1</sup>

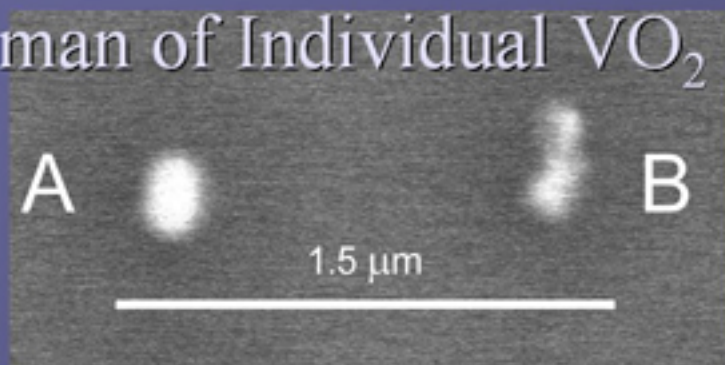


VO<sub>2</sub> "Particle B": Peak @ 195 cm<sup>-1</sup>

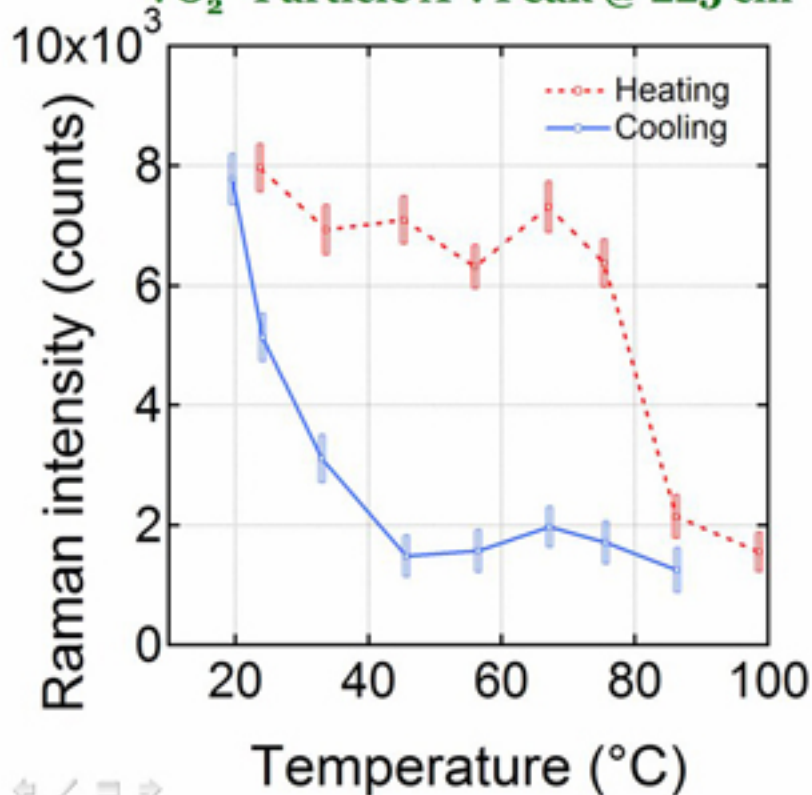




# Confocal Raman of Individual VO<sub>2</sub> Nanocrystals



VO<sub>2</sub> "Particle A": Peak @ 225 cm<sup>-1</sup>



VO<sub>2</sub> "Particle B": Peak @ 225 cm<sup>-1</sup>

