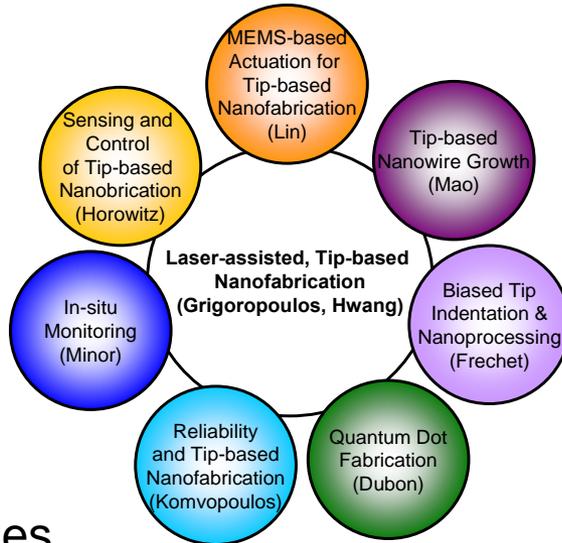
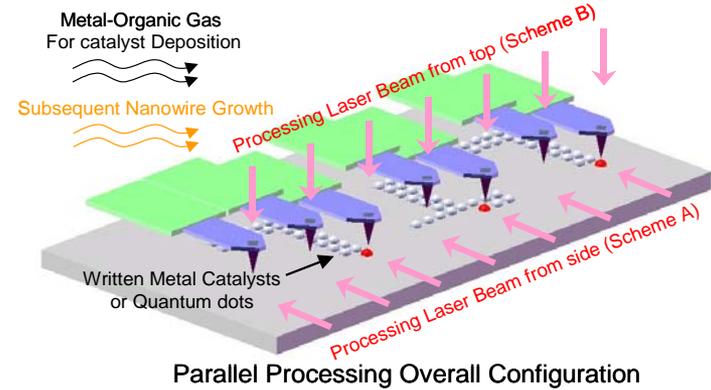


# Nanofabrication by Tips coupled with Lasers

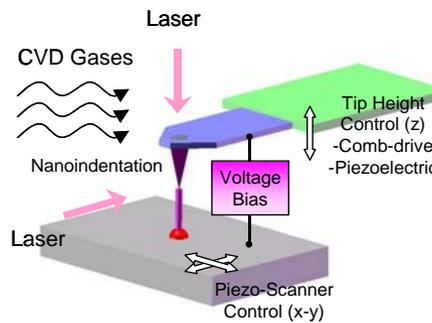
## Organization of Work Groups



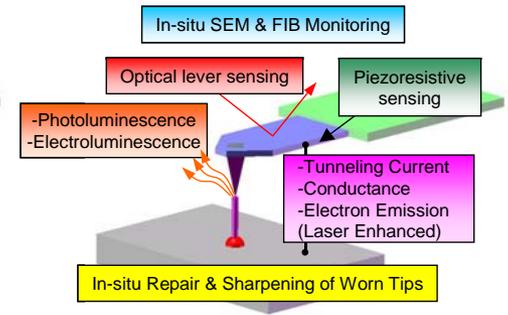
## Key Proposed Concepts



Parallel Processing Overall Configuration

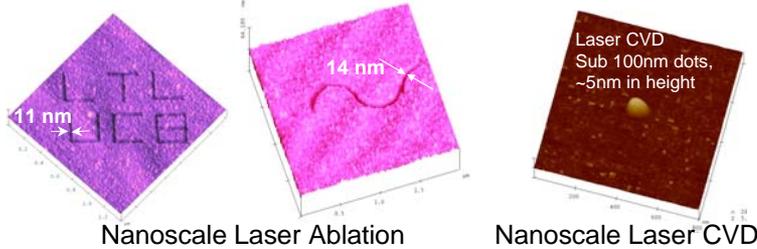


Processing Scheme



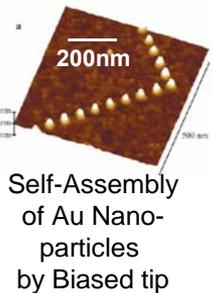
In-situ Monitoring Scheme

## Capabilities

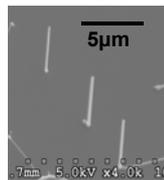


Nanoscale Laser Ablation

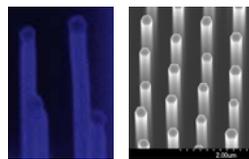
Nanoscale Laser CVD



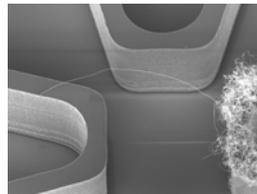
Self-Assembly of Au Nanoparticles by Biased tip



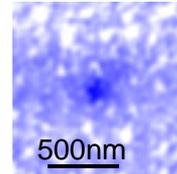
Catalyst by Nanindentation & Nanowire Growth



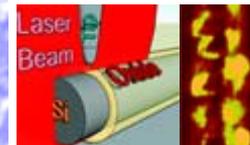
Laser-assisted Nanowire growth



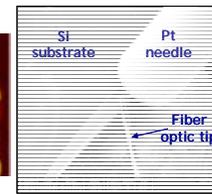
Bridging Nanowires



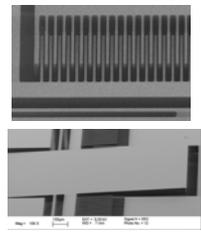
Laser-assisted Quantum Dot Definition



SP-PEEM



In-situ SEM/FIB



Comb-Drive MEMS Actuator & Scanning Mirror