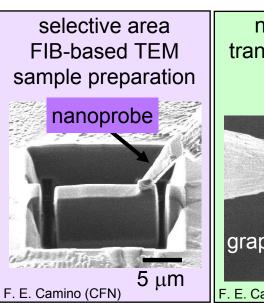
## **Dual SEM/FIB system**

Main use: simultaneous focused ion beam (FIB) pattern milling and SEM imaging.

## **Additional capabilities:**

- precursor gas injector for beam assisted deposition of platinum and insulator (TEOS)
- In-situ electrical measuerements
- nano-manipulator probe
- x-ray detector for EDS analysis
- SEM imaging (1 nm resolution)
- FIB imaging (5 nm resolution)
- STEM imaging (0.8 nm resolution)

## Some applications:



HELIOS NANOLAB

