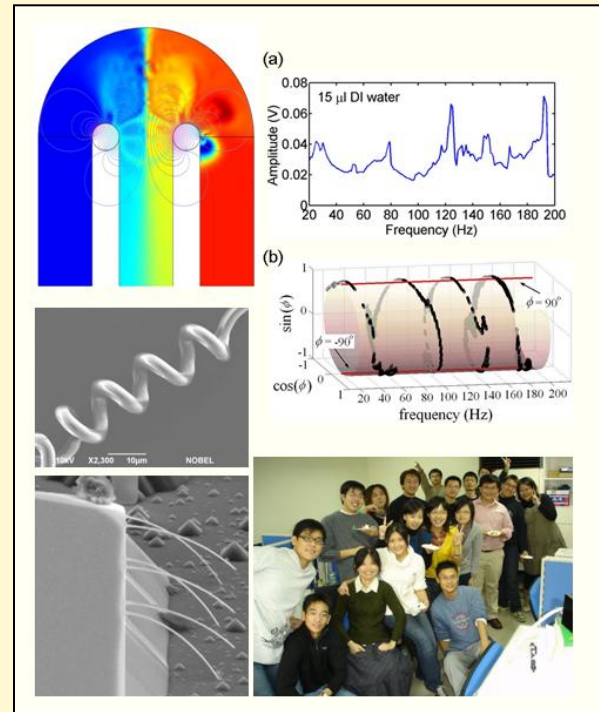


Nano-Optoelectronics and BioMedical Engineering Lab (Pr. Lai)

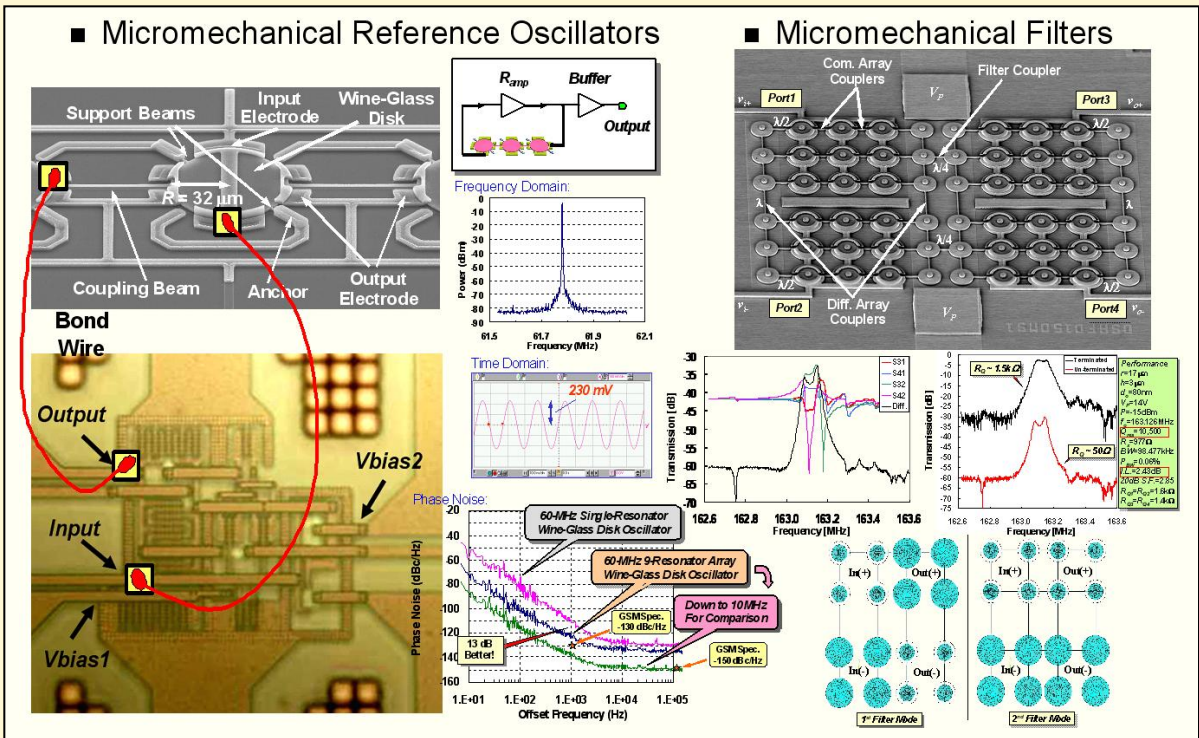
**Research topics
in Micro and NanoSystems**

- Nano robot for nano manipulation on DNA or nano particles
- Magnetic NEMS (energy-saving, wireless control, robust)
- Development of mechanical measurement for nano-structures
- Nano thermoelectric devices for transferring waste heat into electric energy
- Spintronics devices, GMR and MRAM
- Measurement/applications of CMOS & optoelectronic devices
- Biochips for drug delivery and mixing
- Micro/nano fluidic devices
- Nano force measurement for bio molecules
- Nano intelligent devices



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