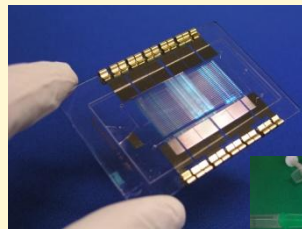


Applied Microfluidic Systems (T. Fujii lab.)

Staff: 8 professors, engineers and technicians
16 PhD students, post-docs and temporary staff

Research topics in Micro and NanoSystems

- Fundamental technologies in Microfluidics & devices
- Reaction & Analysis systems for Biomacromolecules
- Cell-Engineering Devices
- In situ Analysis & Measurement systems for Deep Sea exploration
- Molecular Computing and Assembly Devices



Microfluidic device for in-situ gene analysis



Cell-engineering device

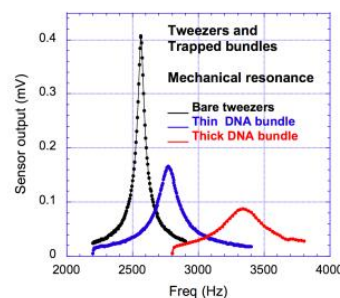
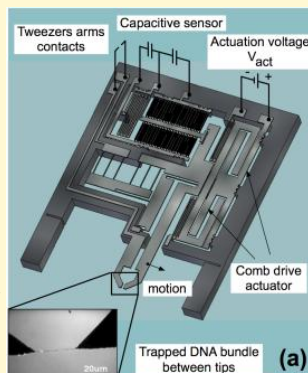
NAMIS contact: Pr. Teruo Fujii
Phone: (+81) 3 5452 6211, e-mail: tfuji@iis.u-tokyo.ac.jp

Applied Microsystem Engineering (D. Collard Lab.)

Staff: 1 professor

Research topics in Micro and NanoSystems

- Microsystems related to information and communication technology
- Microsystems for nanoscience and nanobiology
- Microtechnology development and integration with electronics



- a) Tweezers and the trapped molecular bundle
b) Frequency analysis with different DNA bundles

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