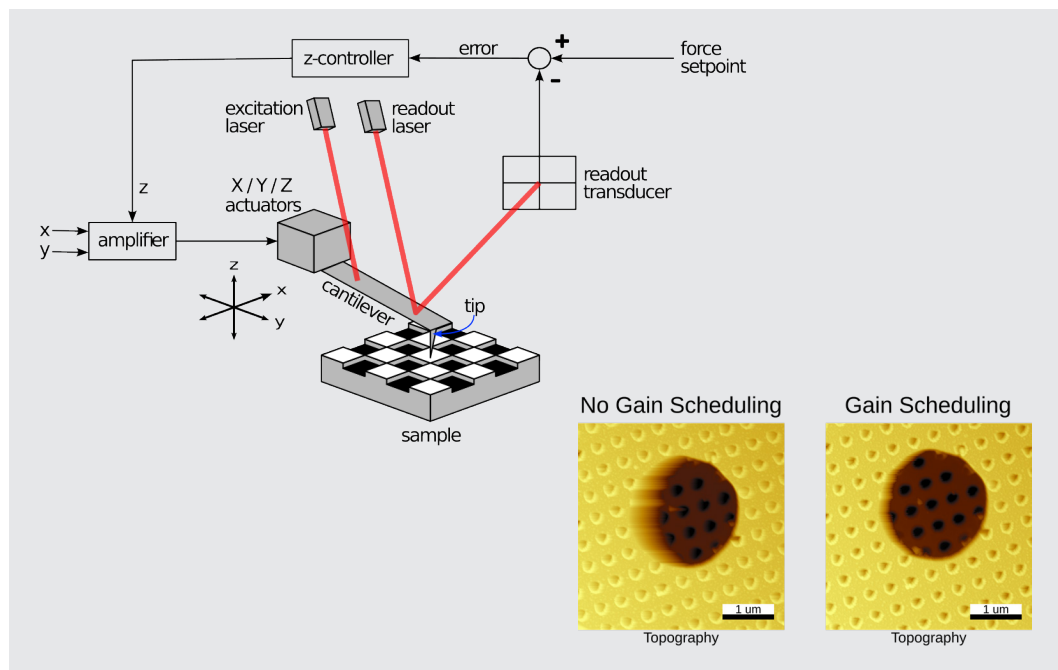
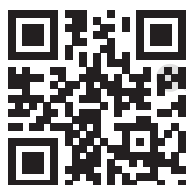


FPGA-Based Real-Time Signal Processing for Advanced High-Speed, High-Precision Atomic Force Microscopy



- Improving speed in fast scanning
- Dynamic adjustment of control loop
- Snap-off detection
- Ringing extraction by custom envelope
- Active ringing suppression



Bachelor Thesis
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