

Closed-Loop Particle and Drop Generators using Morphometric Image Feedback

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- **Goal:** Control the size of microparticles and drops generated in microfluidic flow focusing devices.
- **Approach:** Use a closed loop morphometric image feedback system which measures drop size and uses it to tune a pressure driven junction.
- **Results:** 99.96% linearity, 5-fold dynamic tuning range, tuning time <5s

