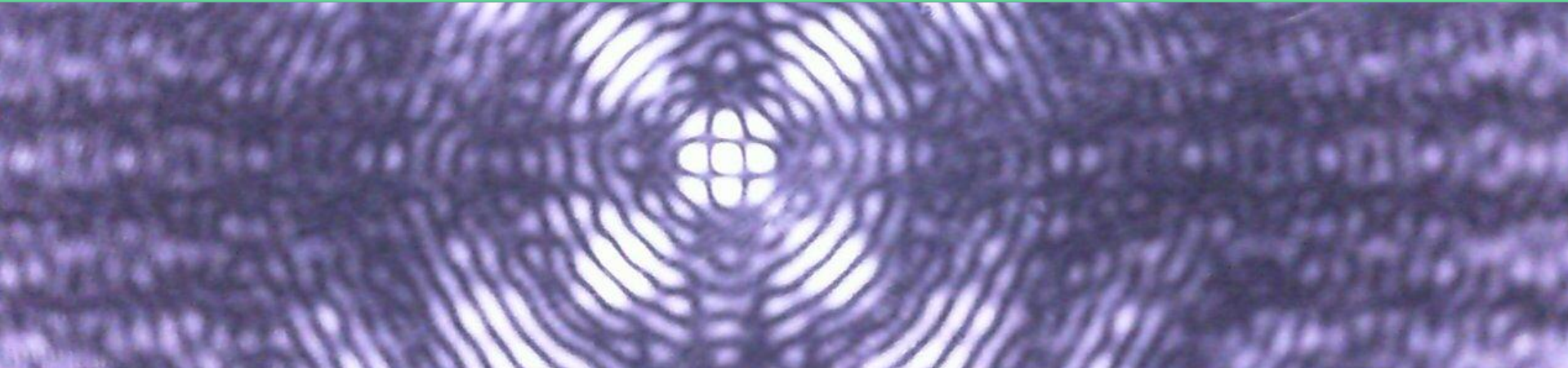


# RASNIK Update

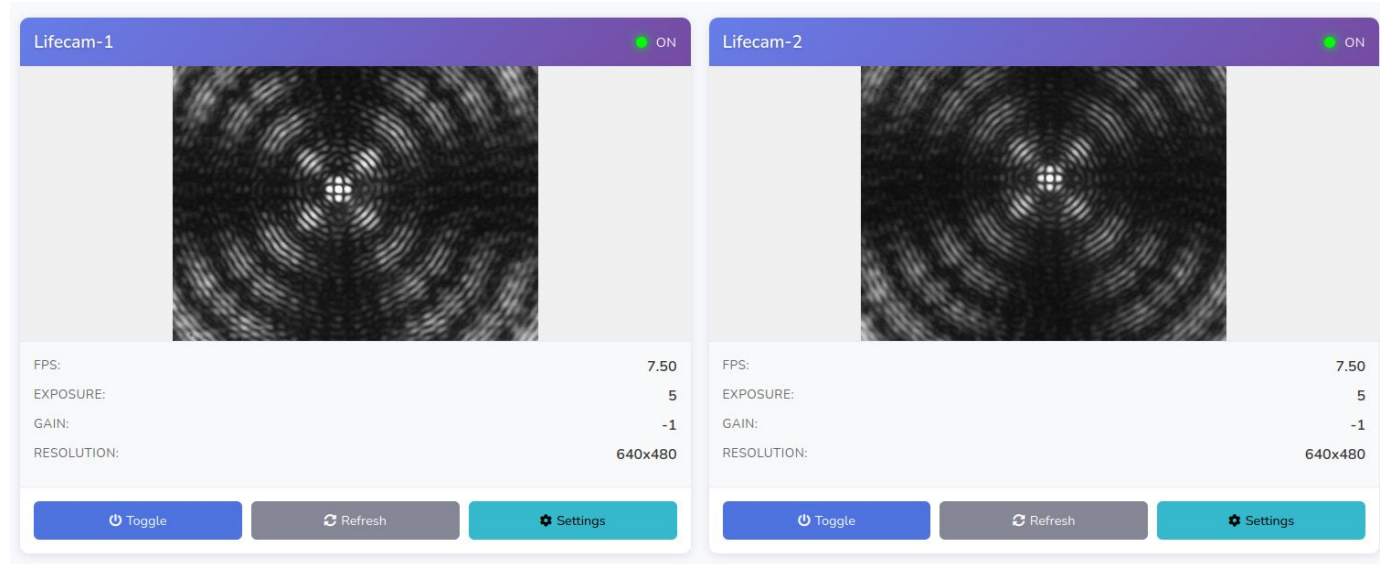
12/10/25

Phia Morton, Ankur Dhar, Harry van der Graaf, Mattia Mauro

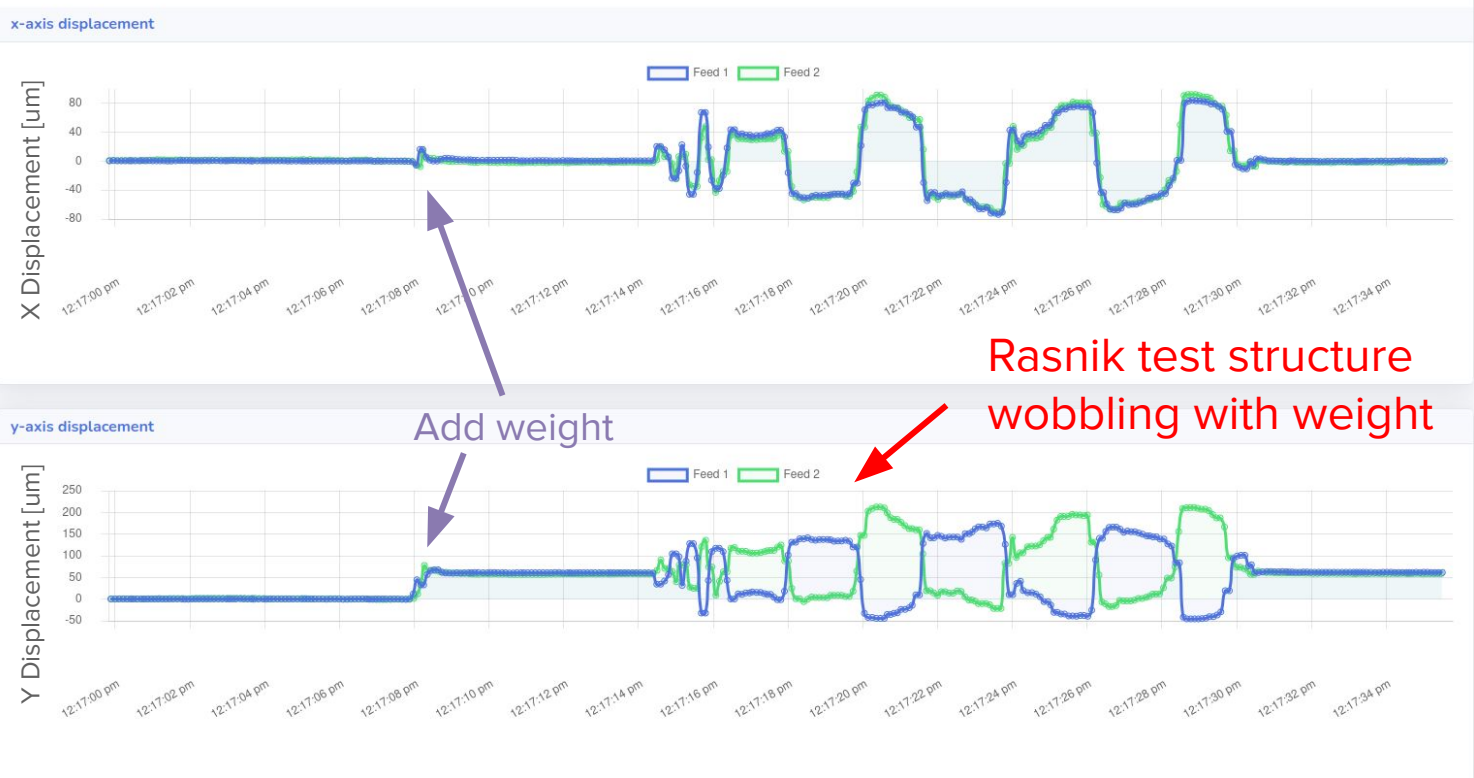


# Rasnik dual readout

- New laser wire splitter
- Dual readout confirmation



# Dual readout deflection tests in air



# Dual readout confirmation



X Displacement [μm]



Y Displacement [μm]



# Next Steps

- Having predetermined calibration images as the '0' deflection
- Dual readout in liquid nitrogen
  - A more level mounting system for testing?
- Testing with the raft
  - Verify mounting hardware/location
  - Verify flange ports for camera readout and laser feedthrough