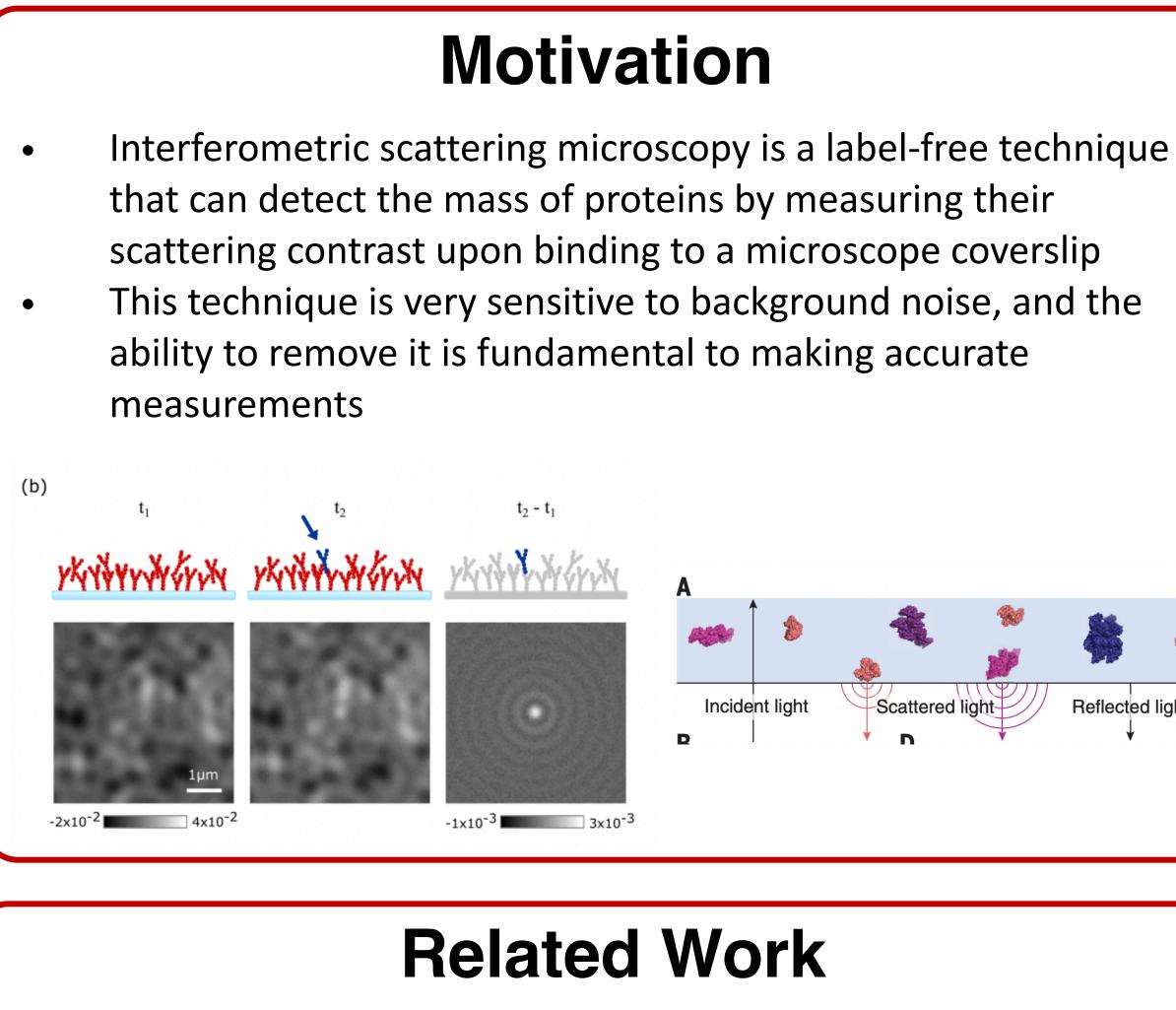
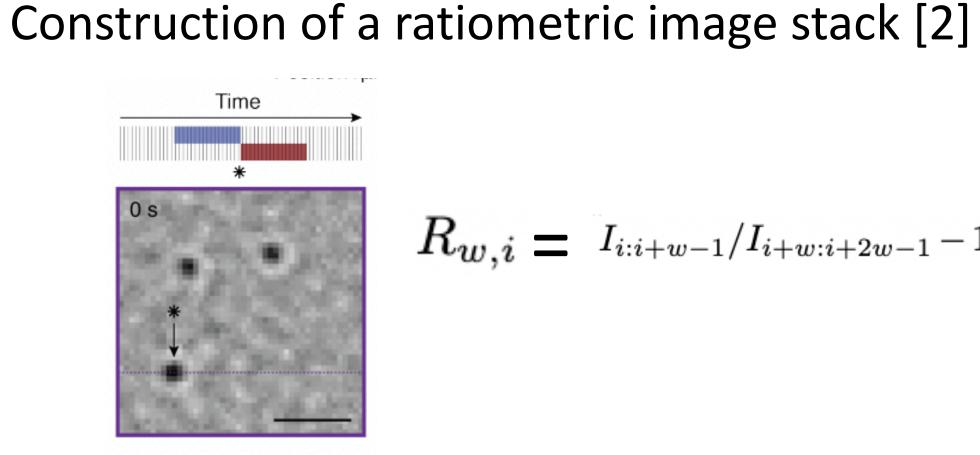
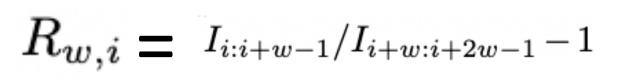
Dynamic window sizes for contrast estimation in interferometric scattering Ishan Taneja Scripps Research





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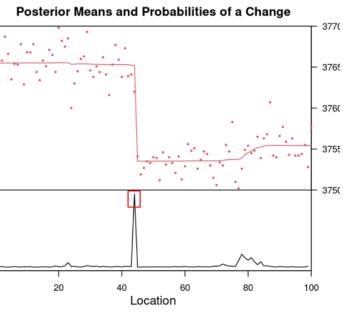
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New Technique

A dynamic window size that is dependent on the data may be more effective than a lacksquaresizes. **Experimental Results** 9e-04 -0.005 | *R* = 0.99, *p* < 2.2e-19 6e-04 3e-04 -0.000 -0e+00 -0.005 9e-04 6e-04 · search window 0.010 ACT 3e-04 · constant 0e+00 --0.010 -0.005 0.000 0.00 **Predicted Contrast** 20 9e-04 6e-04 • 25 3e-04 method • 30 Benchmark BayesCP **D** 9e-04 · • 35 6e-04 • 40 3e-04 0e+00 45 9e-04 250 50 6e-04 3e-04 0e+00 -9e-04 6e-04 · 3e-04 0e+00 -0,0000000 Contras Fig. 1 Fig. 2

fixed window size. We used changepoint detection to determine the optimal window

SIGNAL AFTER EVENT



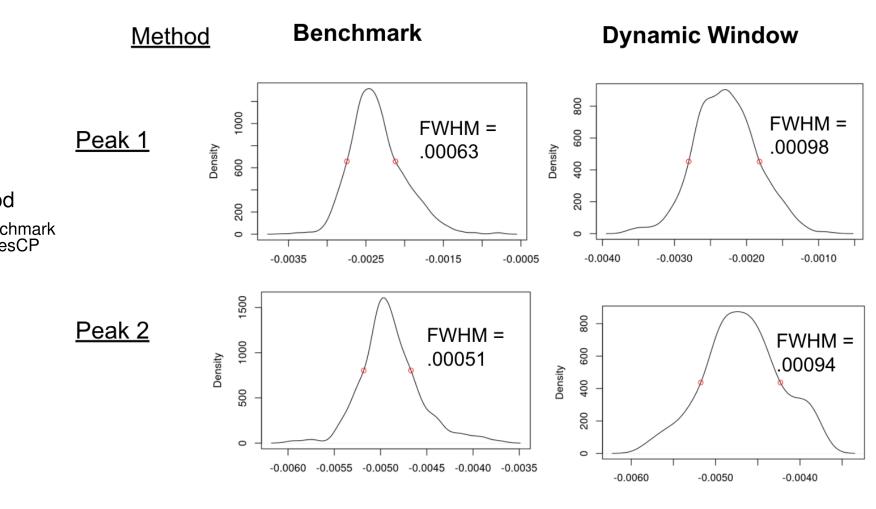


Fig. 3