**Changes to Optical Tweezers files since the Optical Tweezers summer school, Santiago, Chile 13. December 2024**

2025-01-15

singlerip\_finder.m: Added trace struct field ‘fitrange’ (start and end record for linear fits around rip/zip) and modified ‘slope’ to a two-element array (slope before and after rip/zip).

collect\_tables.m: Minor changes to command window output

several files: Changed variable names peaks and valleys too peakpos and valleypos where appropriate, for clarity.

Use different Tlist versions depending on Instrument name in COM file. Affected files: params.m, T\_from\_COM.m, read\_experiment\_file.m

read\_experiment\_file.m: Detrend default: false.

Analyse\_experiment.m: Cleanup of file name versions handling (with or without path).

RipAnalysis.mlapp: Added tab for multiple f(x) traces. Fixed bugs in cycle selection.