

## Multimedia Particle Positioning and Tracking

Start Pretracking 3D-Coordinates Sequence Tracking Calibration Demos Change Parameters Options Quit

Mouse Buttons: left > measure, middle > zoom, right > delete  
Orientation and self calibration  
...done, sigma0 for each image ->  
1: 3.70 micron, 2: 4.04 micron, 3: 2.96 micron, 4: 3.61 micron,

### Changing Parameters

#### Calibration Parameters

Camera 1, Calibration image:  Orientation data:   
Camera 2, Calibration image:  Orientation data:   
Camera 3, Calibration image:  Orientation data:   
Camera 4, Calibration image:  Orientation data:   
File of Coordinates on Plate:

☒ TIFF-Header ☒ Frame ☐ Field odd ☐ Field even

Imagesize, horizontal:  vertical:   
Pixelsize, horizontal:  vertical:

#### Target recognition on plate

Greyvalue threshold, 1.:  2.:  3.:  4.:   
min npix:  min npix in x:  min npix in y:   
max npix:  max npix in x:  max npix in y:   
Sum of greyvalue:  Tolerable discontinuity:  Size of crosses:

#### Point number for manual pre-orientation

Image 1: P1:  P2:  P3:  P4:   
Image 2: P1:  P2:  P3:  P4:   
Image 3: P1:  P2:  P3:  P4:   
Image 4: P1:  P2:  P3:  P4:

#### Orientation parameters

Calibrate with different z-positions?   
Combine preprocessed planes?   
Point number for orientation

☒ Principle distance ☐ xp ☐ yp

Lens distortion (Brown): ☐ k1 ☐ k2 ☐ k3 ☐ p1 ☐ p2

Affin transformation: ☐ scx ☐ she

OK