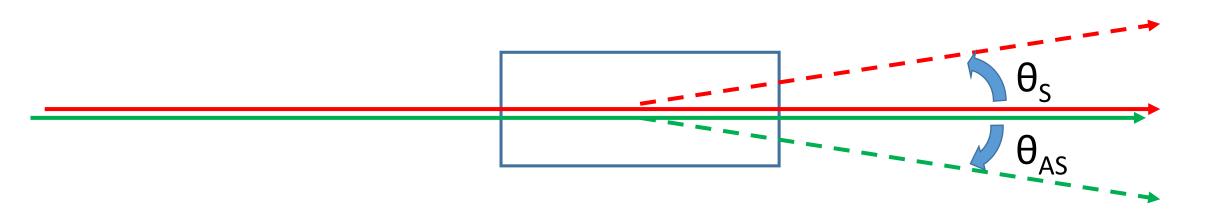
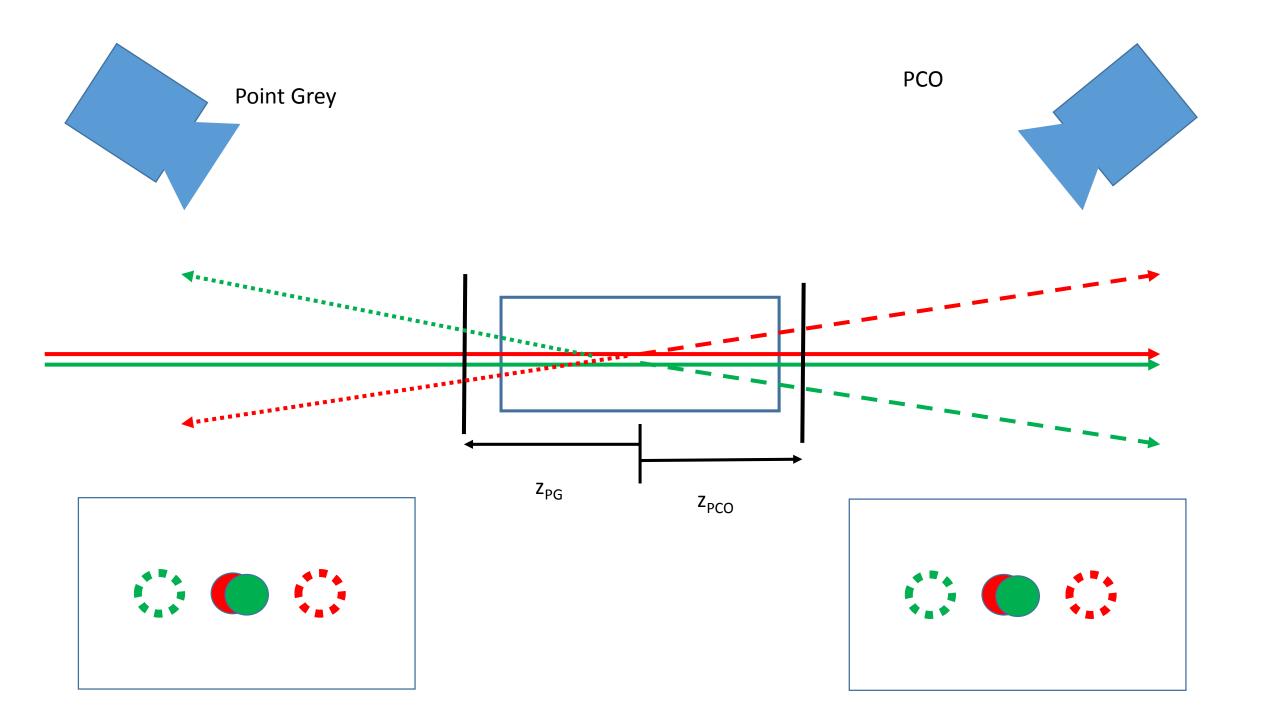
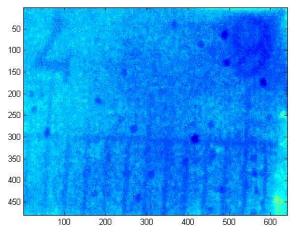
Alignment

17 May '17





Entrance: Point Grey Calibration



Write & Stokes position

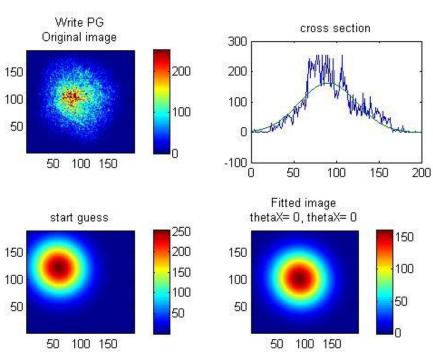
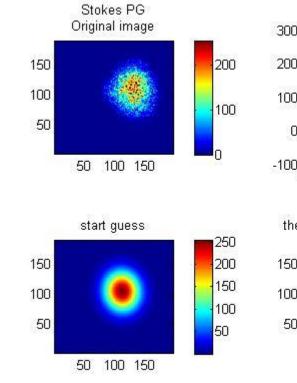
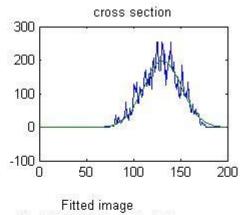


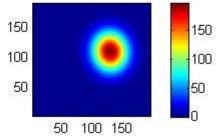
Image rotated 180 degrees

1cm =sqrt((541.0-57.3)^2+(317.0-297.3)^2)=484.1 1pixel =21 microm z_{PG} = 15cm 1pixel=0.14 mrad





thetaX= 5.69, thetaX= 1.02



Exit: PCO Calibration

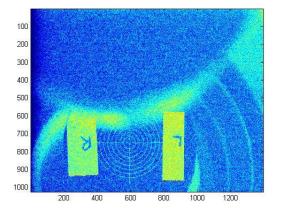
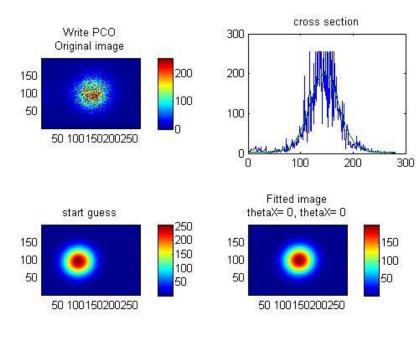
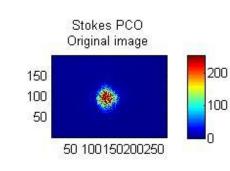


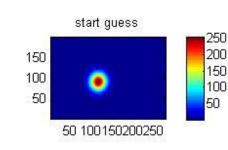
Image rotated 180 degrees

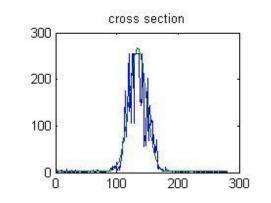
1.5cm =sqrt((751.0-416.7)^2+(748.6-773.3)^2)=335.3 1pixel =45 micron z_{PG} = 17cm 1pixel=0.265mrad

Write & Stokes position

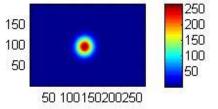








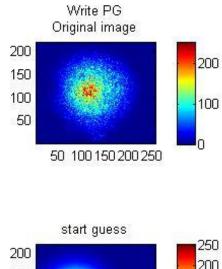
Fitted image thetaX= -2.88, thetaX= -0.908

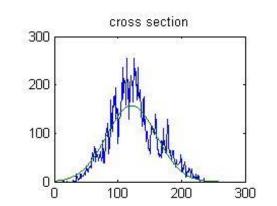


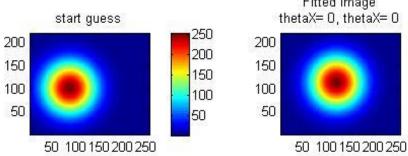
| Entrance | |
|----------|-----------------------|
| PG_calib | Calibration image |
| PG_0001 | Write laser |
| PG_0002 | Stokes path injection |
| PG_0003 | Write laser - aligned |
| PG_0004 | Stokes PI - aligned |
| | |
| | |

| Exit | |
|-----------|---------------------------------|
| PCO_calib | Calibration image |
| PCO_0001 | Write laser |
| PCO_0002 | Stokes path injection |
| PCO_0003 | Write laser - aligned |
| PCO_0004 | Stokes path injection - aligned |
| | |
| | |

After alignment – (readjusting rotation of final mirror)







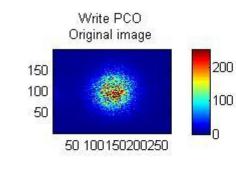


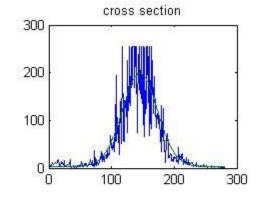
150

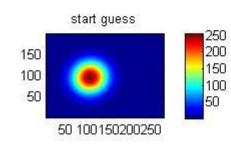
100

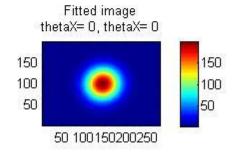
50

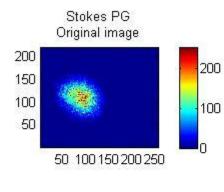
n

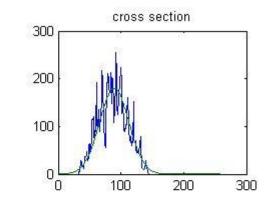


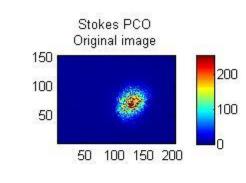


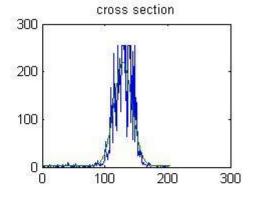


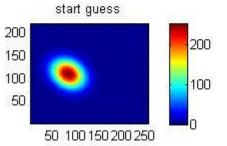


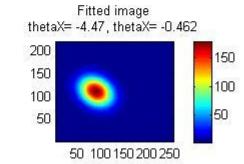


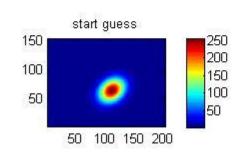


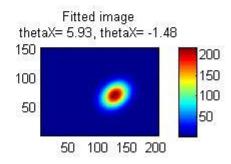












What is mode size? **PAF-X-7-B**