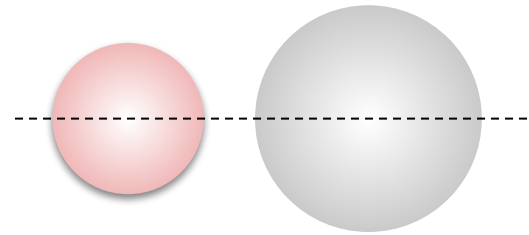




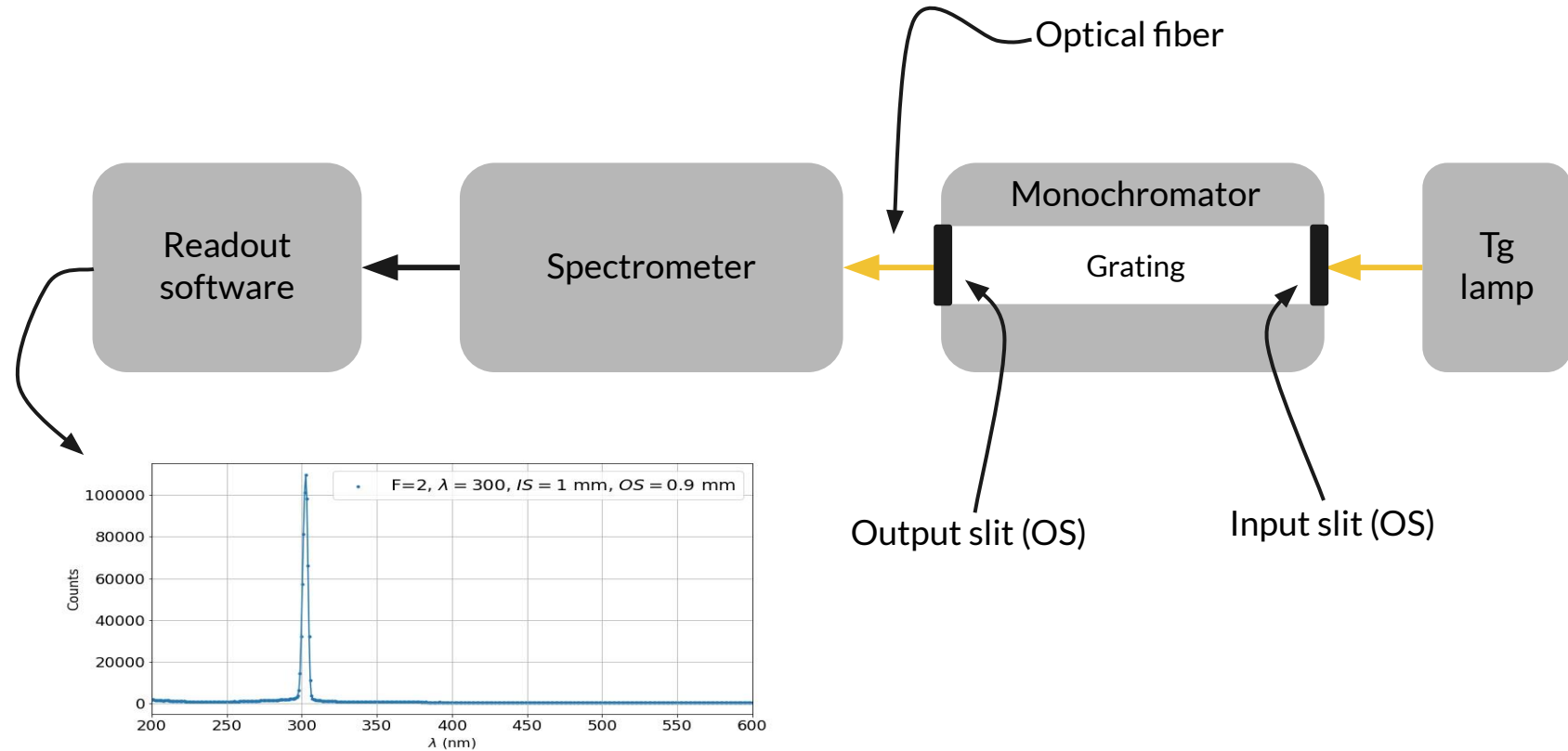
MC spectrum meas. at ICMOL

30/03/2022

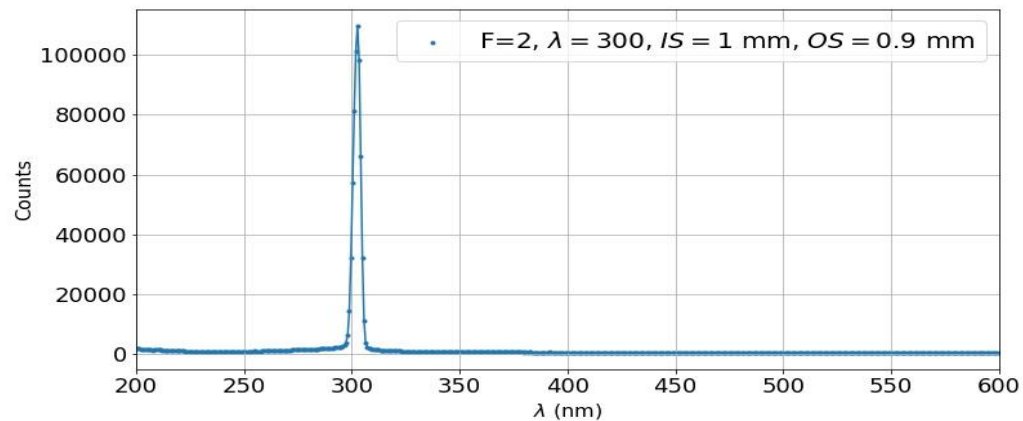
Meritxell, Nadia and Julio



Setup

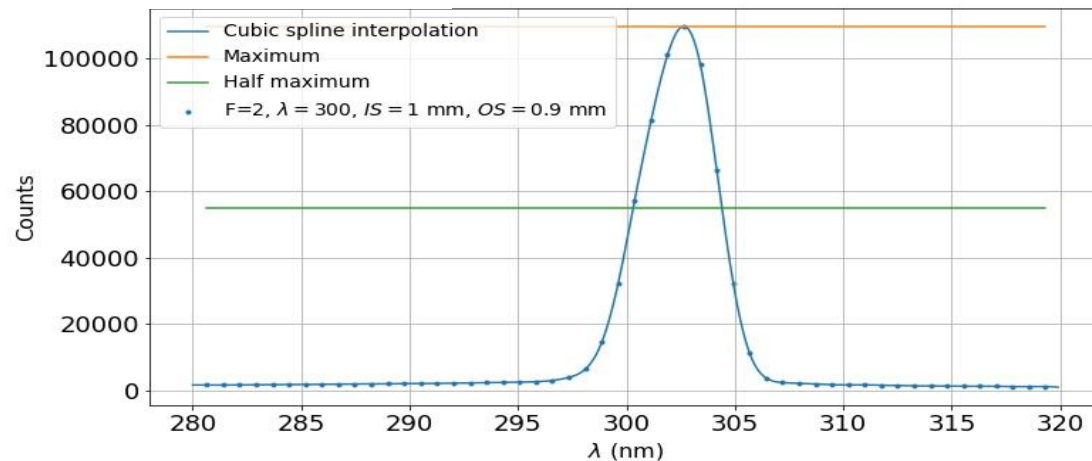


Output & data processing (28 March)

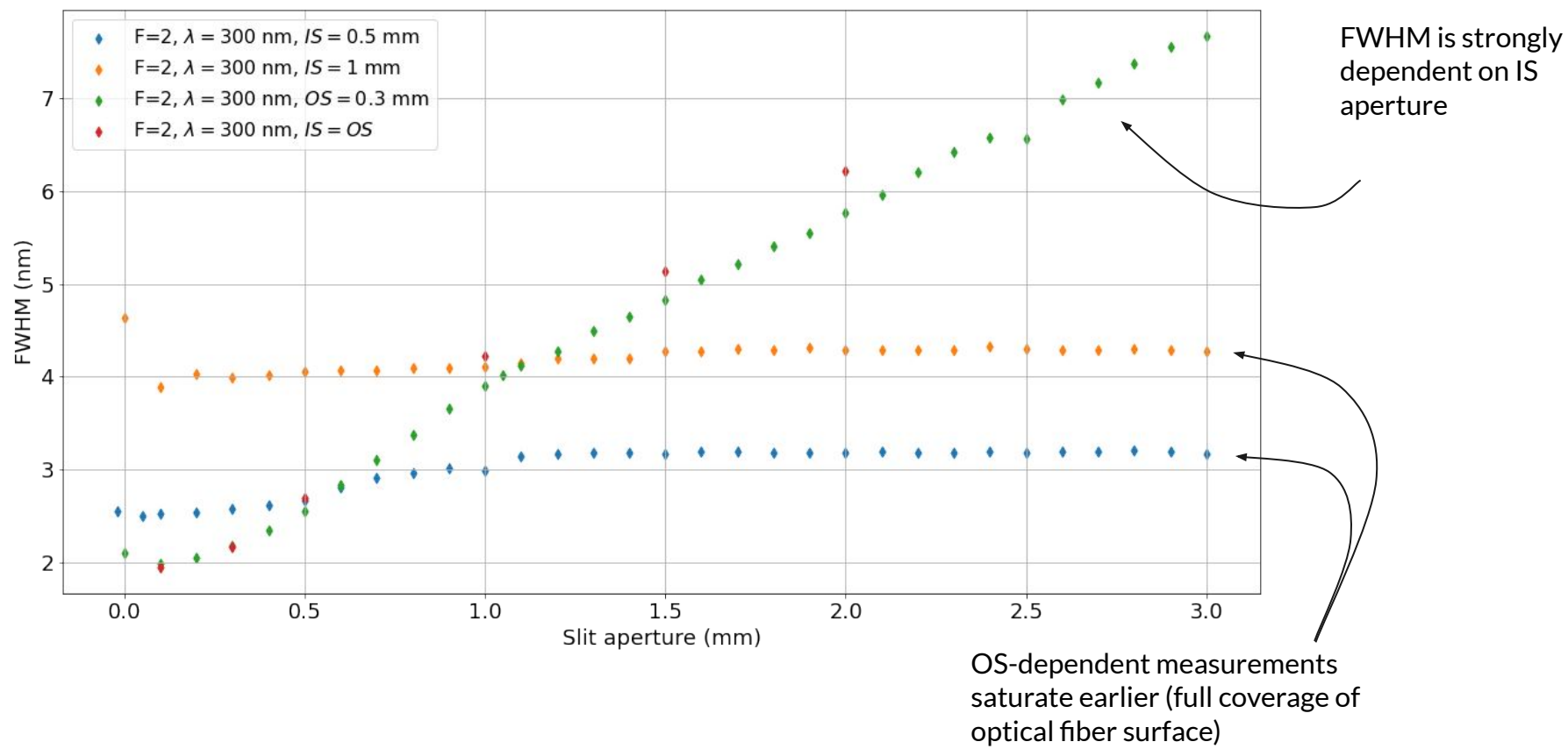


Raw data from ICMOL spectrometer

Data processing

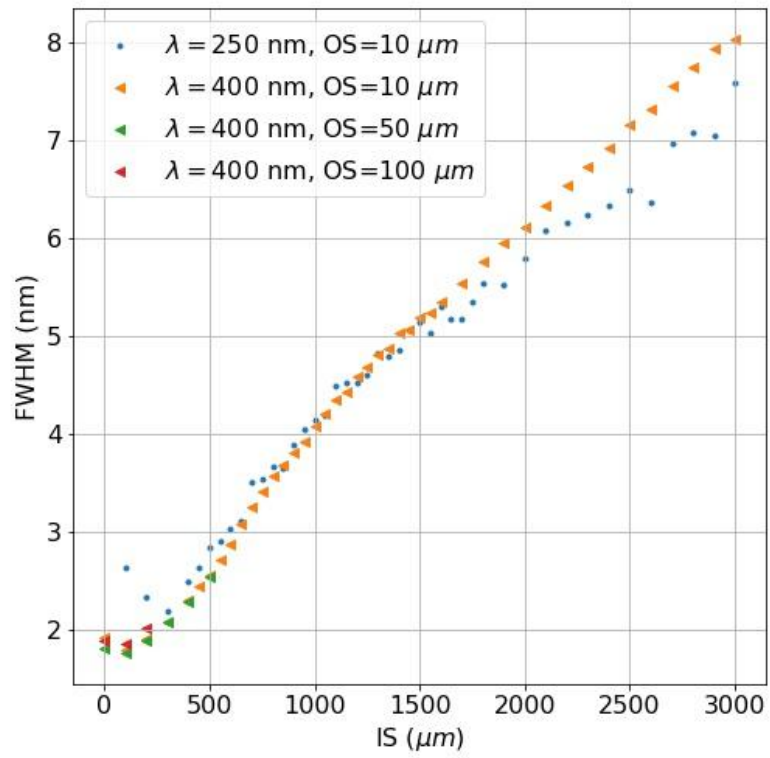


Results (28 March)



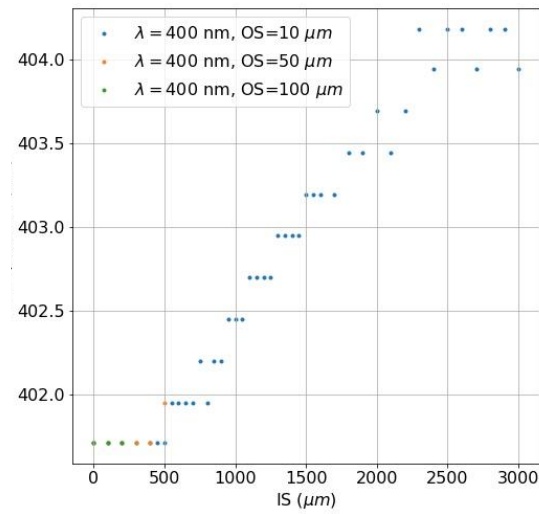
Data acquisition & results (29 March)

We came back to ICMOL to take IS-dependent measurements at 400 nm (filter cutoff)



```
data > preprocessed > MC_29-03-2022 > 400nm > F software.FWHM_OS=10microns.txt
1 #measurement taken at lambda=400nm, OS=10 microns and FILTER=2
2 #IS(microns),FWHM(nm),peak_pos(nm)
3 0,1.93,401.71
4 100,1.79,401.71
5 200,1.91,401.71
6 300,2.08,401.71
7 400,2.31,401.71
8 450,2.45,401.71
9 500,2.56,401.71
10 550,2.72,401.95
11 600,2.88,401.95
12 650,3.08,401.95
13 700,3.25,401.95
14 750,3.41,402.20
15 800,3.57,401.95
16 850,3.68,402.20
17 900,3.81,402.20
18 950,3.93,402.45
19 1000,4.09,402.45
20 1050,4.21,402.45
```

⋮



Next steps

- Take measurement with bigger OS aperture and 250 nm
- Understand the theory behind optical grating