

ePSIC Hyperspy workshop

Location: G53/G54 Diamond House (DH)

Monday 2 March 2020- Day 1

09:00 - 09:30	Registration and welcome		
09:30 – 11:00	A practical introduction to Python/HyperSpy I	Practical	Eric Prestat
11:00 – 11:15	Coffee break		
11:15 – 12:15	A practical introduction to Python/HyperSpy II	Practical	Eric Prestat
12:15 – 12:45	Data analysis basics	Talk	Francisco de la Peña
12:45 – 13:30	Lunch		
13:30 – 14:15	Model Fitting	Talk	Francisco de la Peña
14:15 – 15:00	Machine learning	Practical	Duncan Johnston
15:00 – 15:15	Coffee break		
15:15 – 16:00	Big data & lazy signals	Practical	Francisco de la Peña
16:00 – 16:45	EELS analysis in HyperSpy	Practical	Magnus Nord
16:45 – 17:15	HyperSpy	Talk	Francisco de la Peña
17:30	Dinner		
19:30	Coach departs to The Bear Hotel, Wantage		

Tuesday 3 March 2020- Day 2

08:00	Coach pick up – coach will depart at 8.15		
09:00 – 09:30	EDX analysis	Talk	Thomas Slater
09:30 – 10:15	EDX analysis in HyperSpy	Practical	Thomas Slater
10:15 – 10:30	Coffee break		
10:30 – 11:15	Atomap	Practical	Magnus Nord
11:15 – 12:00	SED analysis with pyxem	Practical	Duncan Johnstone
12:00 – 12:45	ParticleSpy	Practical	Thomas Slater
12:45 – 13:30	Lunch [Group photo @ 1325 in DH atrium]		
13:30-14:00	HyperSpectral analysis @Diamond	Talk	Paul Quinn
14:00 – 14:30	HyperSpy community	Talk	Eric Prestat
14:30-15:15	Q&A		All
15:15-15:30	Coffee break		
15:30-1700	BYOD (Bring Your Own Data)	Practical	Everyone