

# HyperSpy workshop 2021

*\*All timings in UK time zone (BST) \**

## Thursday 15<sup>th</sup> April – join via [this link](#)

15:00 - 16:00	Optional preparation session (to help with HyperSpy installation and testing ahead of the event)
---------------	--

## Monday 19<sup>th</sup> April – join via [this link](#)

13:00 - 13:10	Welcome		
13:10 – 13:30	Installation/set up		
13.30 – 14.00	What is HyperSpy?	Talk	Francisco de la Peña
14:00 – 15:00	A practical introduction to Python/HyperSpy I	Practical	Eric Prestat
15:00 – 15:15	Coffee break		
15:15 – 16:45	A practical introduction to Python/HyperSpy II	Practical	Eric Prestat
16:45 – 17:00	Q&A		

## Tuesday 20<sup>th</sup> April – join via [this link](#)

13.00 – 13.30	Model Fitting Introduction	Talk	Francisco de la Peña
13:30 – 14:30	Model Fitting	Practical	Francisco de la Peña
14:30 – 14:45	Coffee break		
14.45 – 15.15	Machine Learning Introduction	Talk	Francisco de la Peña
15:15 – 16:30	Machine Learning	Practical	Francisco de la Peña
16:30 – 16:45	Q&A		

## Wednesday 21<sup>st</sup> April – join via [this link](#)

13:00 – 14:00	Big data and lazy signals	Practical	Magnus Nord
14:15 – 14:30	Coffee break		
14:30 – 15:30	EELS Analysis in HyperSpy	Practical	Magnus Nord
15:30 – 16:15	How to make publication quality plots with matplotlib?	Practical	Magnus Nord
16:15-16:30	Q&A		

## Thursday 22<sup>nd</sup> April – join via [this link](#)

13:00 – 13:30	EDX Analysis	Talk	Tom Slater
13:30-14:45	EDX Analysis in HyperSpy	Practical	Tom Slater
14:45 – 15:00	Coffee break		
15:00 – 15:45	Atomap	Practical	Magnus Nord
15:45 – 16:30	ParticleSpy	Practical	Tom Slater
16:30-16:45	Q&A		

## Friday 23<sup>rd</sup> April – join via [this link](#)

13:00 – 13:45	SED Analysis with PyXem	Practical	Phillip Crout
13:45-14:15	HyperSpy Developments at Diamond	Talk	Tim Poon
14:15 – 14:30	Coffee break		
14:30 – 15:00	HyperSpy Community	Talk	Eric Prestat
15:00 – 16:00	Example Data Analysis with Python libraries	Practical	Eric Prestat
16:00-16:30	Q&A – Closing remarks		