

Advanced Small Angle Scattering Training School: Agenda

1st - 4th June 2021

Online (via Zoom)

Day 1: Tuesday 1 st June	
Time	Topic
09:00-10:00	Welcome & introductions
10:00-10:30	Lecture 1 - Basic Programming in Python (Tim Snow)
10:30-10:45	Break
10:45-11:00	Introduction to Google Colab
11:00-11:15	Introduction to Jupyter notebooks
11:15-11:45	Commonly used Python routines
11:45-12:30	First Jupyter notebook exercise (break-out rooms) & wrap up

Day 2: Wednesday 2 nd June	
Time	Topic
09:00-09:10	Arrivals and welcome back
09:10-09:50	Lecture 2 - TBC
09:50-10:30	Data Handling and plotting
10:30-10:45	Break
10:45-11:20	Function fitting with lmfit
11:20-12:30	Second Jupyter notebook exercise (break-out rooms) & wrap up

Day 3: Thursday 3 rd June	
Time	Topic
09:00-09:10	Arrivals and welcome back
09:10-09:50	Lecture 3 - TBC
09:50-10:35	BioSAS data fitting package
10:35-10:50	Break
10:50-11:30	SasView
11:30-12:30	Third Jupyter notebook exercise (break-out rooms) & wrap up

Day 4: Friday 4 th June	
Time	Topic
09:00-09:10	Arrivals and welcome back
09:10-10:00	Examples from the audience / invited speakers
10:00-10:30	Pre-prepared questions / examples
10:30-10:45	Break
10:45-12:15	Q&A Forum
12:15-12:30	Wrap up and course end