Time	Topic
9:00 am – 9:15	Introduction
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	 What do we expect to learn from a structure?
	 How can a non-structural biologist use a structure effectively?
9:15 - 9:45	Open access structures: The Protein Data Bank
	O What is the PDB?
	 How to navigate the PDB.
	 Structure information worth checking.
	 How to visualize structures in the browser.
	 Where to download coordinates and maps.
9:45 – 10:00	Tools overview
	o PyMol
	o Chimera/ChimeraX
10:00 – 10:45	PyMol hands on
	 Loading a structure.
	 Visualizing a structure.
	 Preloaded Tools:
	Measurements
	Mutagenesis
	 Electrostatic potential maps
	 The command line.
	 Loading and visualizing maps
	 Preparing figure images.
10:45 – 11:15	Chimera/ChimeraX hands on
	 Loading a structure.
	 Visualizing a structure.
	 The command line.
	 Loading and visualizing maps
	 Preparing figure images.
11:15 – 12:00	AlphaFold
	Using Google CoLab
	 Loading the structure
	 Deciding what to trust for experimental design.
12:00-12:30 PM	Lunch
12:30-5PM	 Hands-on Guidance sessions (pre-registered participants)