

	Wednesday 26th April 2017		Thursday 27th April 2017		Friday 28th April 2017
	McStas basics				
9:00-9:30	Coffee&tea		Coffee&tea		Coffee&tea
9:30-11:00	Basic McStas introduction: * McStas intro talk (Peter) ~45 min, * v.2.4 demo, new features (Peter) ~30 min		Instruments at ISIS Intro and ISIS moderator Diffractometer (Ron) ~30 min		FAQ: Issues shared by many
11:00-11:15	Break		Break		Break
11:15-12:30	Essential McStas comps/tools for pulsed-sources * Pulsed source models, monitors (Peter) * Rotating optics (Erik) * documentation tips (Erik) * mcdisplay (including --TOF) (Erik) * cif2hkl * introduction to the exercises		ISIS source and instr examples, contd'. Spectrometer (Rob Bewley) ~ 30 Small angle and reflectivity (Rob		McStas surgery 1-2-1 sessions
12:30-13:30	Lunch		Lunch		Lunch
13:30-15:00	Simple interactive TOF simulations * Hands-on exercise(s) using the above comps/tins * to be adapted for Spallation source e.g. ISIS source, transport wanted wavelength band over wanted distance (Peter + Erik)		Hands-on exercise (with support): Build your own instrument OR Play with the ones that we provide you		Advanced McStas: * integration with Mantid * write your own component *keep in touch
15:00-15:15	Break		Break		Break
15:15-17:00	Further tips * Simulation to experiment comparison * How to make your McStas more efficient		Hands-on exercise cont'd		Hands-on exercise cont'd
15:15-17:00					