

	Wed 18.08.	Thur 19.08.	Fri 20.08.
9.00 - 10.45	Introduction 9.00 Monte Carlo Raytracing 9.15 Introduction to McStas 9.45 Introduction to VITESS 10.15 Installation	New features 9.00 new features in McStas 9.30 new features in VITESS 10.00 overview/start of exercises	User presentations (15'+10') 9.00 F. Yokaichiya <i>RMB- Brazilian Multipurpose Research Reactor</i> 9.25 P. Konik <i>Monte-Carlo simulations of thermal neutron filter and neutron guide system for REVERANS reflectometer</i> 9.50 Daoud-Aladine <i>particularities/difficulties of simulating a unconventional guide instrument</i> 10.15 M. Krautloher <i>polarized neutrons in arbitrary magnetic fields</i>
10.45 - 11.15	coffee		
11.15 - 13.00	Exercise 1 ESS thermal powder diffractometer: source, sample, monitors and detector	Ex. 3: new/advanced features choose n of the following Ex. a) polarized neutrons (spin-echo) b) advanced guide geometries c) supermirror systems d) numerical optimization e) neutron detectors f) samples and data evaluation g) series of simulations h) raytracing	11.15 M. Sales <i>SEMSANS using triangular field coils</i> 11.40 general discussion
13.00 - 14.00	lunch		
14.00 - 16.00	Exercise 2 ESS thermal powder diffractometer: guides and choppers	continue Ex. 3	
15.30 - 16.00	coffee		
16.00 - 18.00	continue Ex. 2	continue Ex. 3 17.30 Cluster parallelization	
	19.00 dinner	19.30 workshop dinner (leave at 19.00)	