

Sept 17, Monday

9:00AM – 9:30AM	Welcome Remarks Thom Mason , Oak Ridge National Laboratory Director
9:30 AM- 10:30AM	Experimental aspects of neutron diffraction Ovi Garlea or William Ratcliff
10:30AM-10:45AM	BREAK
10:45AM-12NN	Introduction to the Fullprof Suite Juan Rodríguez-Carvajal
12NN-1:30PM	LUNCH
1:30PM-2:30PM	Strategies for determining magnetic structures using Fullprof Juan Rodríguez-Carvajal
2:30pm-4:00pm	Hands-on in a simple magnetic structure using Fullprof Suite [example 1] Clarina de la Cruz
4:00pm-4:15pm	BREAK
4:15pm-5:30pm	Hands-on in a simple magnetic structure using Fullprof Suite [example 1, cont'd] Clarina de la Cruz
5:30pm-6:00pm	GROUP DISCUSSION

Sept 18, Tuesday

9:00 AM- 10:30AM	Representation Theory Andrew Wills
10:30AM-10:45AM	BREAK
10:45AM-12NN	Introduction to SaraH/BasIrrreps Andrew Wills

12NN-1:30PM	LUNCH
1:30PM-3:30PM	Hands-on in Commensurate magnetic structure (Constant wavelength data) [example 2] Ovi Garlea/ Andrew Wills
3:30pm-3:45pm	BREAK
3:45pm-5:00pm	Hands-on in Commensurate magnetic structure (Constant wavelength data) [example 2, cont'd] Ovi Garlea
5:00pm-6:00pm	GROUP DISCUSSION Andrew Wills
Sept 19, Wednesday	
8:30AM – 9:00AM	DISCUSSION (continued from above if necessary) Andrew Wills
9:00 AM- 10:30AM	Hands-on in Commensurate magnetic structure from TOF data [example 3] Ovi Garlea
10:30AM-10:45AM	BREAK
10:45AM-12NN	Hands-on in Commensurate magnetic structure from TOF data [example 3, cont'd] Ovi Garlea
12NN-1:30PM	LUNCH
1:30PM-3:30PM	Hands-on in Incommensurate magnetic structure (Constant wavelength) [example 4] Ovi Garlea
3:30pm-3:45pm	BREAK
3:45pm-6:00pm	Hands-on in Incommensurate magnetic structure (Constant wavelength) [example 4 cont'd, or example 5] Ovi Garlea
Sept 19, Thursday	

8:30AM – 10:30AM	Hands-on in Simulated Annealing [example 6] Juan Rodríguez-Carvajal
10:30AM-10:45AM	BREAK
10:45AM-12NN	Hands-on in Simulated Annealing [example 6 cont'd or example 7] Juan Rodríguez-Carvajal
12NN-1:30PM	LUNCH
1:30PM-3:30PM	Hands-on in Commensurate and Incommensurate magnetic structures from Single Crystal data [example 8] Huibo Cao
3:30pm-3:45pm	BREAK
3:45pm-5:00pm	Hands-on in Commensurate and Incommensurate magnetic structures from Single Crystal data [example 8, cont'd] Huibo Cao
5:00 pm-6:00pm	Additional remarks on magnetic structures from Single Crystal data DISCUSSION/CLOSING