



SCALE Source Terms and Shielding Training Course Oak Ridge National Laboratory

Monday	
8:00 a.m.	Overview of SCALE System
9:00 a.m.	Introduction to SCALE Shielding Sequences
9:30 a.m.	Break
9:45 a.m.	ORIGEN-ARP
10:30 a.m.	Break
10:45 a.m.	How to Create ORIGEN-ARP Libraries
11:15 a.m.	OrigenArp / PlotOPUS Tutorial
12:00 p.m.	Lunch
12:45 p.m.	ORIGEN-ARP Problem Session
5:00 p.m.	Conclusion

Tuesday	
8:00 a.m.	Review of ORIGEN-ARP Problem Session
8:45 a.m.	Material Information Processor
9:30 a.m.	Break
9:45 a.m.	SAS2 Depletion / Decay / Source Terms
10:45 a.m.	Break
11:00 a.m.	SAS2 (Cont'd)
12:00 p.m.	Lunch
12:45 p.m.	SAS2 Problem Session
5:00 p.m.	Conclusion



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Oak Ridge National Laboratory
October 25 – 29, 2004

Wednesday	
8:00 a.m.	Review of SAS2 Problem Session
8:30 a.m.	SAS1 1-D Shielding Sequence
9:30 a.m.	Break
9:45 a.m.	SAS1 1-D Shielding Sequence (Cont'd)
10:45 a.m.	SAS1X 1-D Combined Criticality / Shielding Sequence
11:15 a.m.	SAS1 Problem Session
12:00 p.m.	Lunch
12:45 p.m.	SAS1 Problem Session (Cont'd)
5:00 p.m.	Conclusion

Thursday	
8:00 a.m.	Review of SAS1 Problem Session
8:30 a.m.	SAS4 3-D Monte Carlo Shielding / Analysis Sequence
9:30 a.m.	Break
9:45 a.m.	SAS4 Variance Reduction Techniques
10:15 a.m.	SAS4 MARS Geometry Option
10:45 a.m.	SAS4 Validation / Limitations
11:15 a.m.	SAS4 / ESPN Tutorial
12:00 p.m.	Lunch
12:45 p.m.	SAS4 Problem Session
5:00 p.m.	Conclusion

Friday	
8:00 a.m.	Review of SAS4 Problem Session
8:30 a.m.	QADS 3-D Point Kernel Shielding Sequence
9:30 a.m.	Break
9:45 a.m.	QADS Problem Session
12:00 p.m.	Conclusion