

	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov	18-Nov	19-Nov	20-Nov	21-Nov	22-Nov	23-Nov			
08:30	Arrival day and registration	Opening, introduction tutorials	Monte Carlo - Simulation Techniques	Truncated Power Series Algebra I (TPSA)	Dynamical Systems, Representation of Particle Beams	Computing techniques I	Partial Differential Equations II	Excursion	Reserve/Poster Session	Nonlinear beam dynamics II	Field Solvers III	Machine learning I	Departure day		
		Schmickler/Herr							Schmickler						
09:30		Linear Algebra I	Genetic Programming I	Imperfections and corrections I	Partial Differential Equations I	Multi Particle Simulation Techniques II	Computing techniques II		Reserve/Poster Session	Field Solvers II	Direct Vlasov Solvers I	Direct Vlasov Solvers II			
									Schmickler						
10:30		Coffee							Coffee						
11:00		Numerical computing	Hamiltonian Dynamics	Truncated Power Series Algebra II (TPSA)	Imperfections and corrections II	Analysis Techniques I	Study time and discussion		Diagnostics and Optimization I	Analysis Techniques I	Field Solvers IV	Machine learning II			
12:00		Linear Optics calculations I	Genetic Programming II	Truncated power Series Algebra III (TPSA)	Multi Particle Simulation Techniques I	Nonlinear Beam Dynamics I	Field Solvers I		Simulation of Interaction with material I	Simulation of Interaction with material II	Diagnostics and Optimization II	Comparison of various codes for interaction with material			
13:00		Lunch							Lunch						
14:30		Linear Algebra II	Block A -1	Block A- 4	Free	Block B -1	Block B- 4		Block C -1	Free	Block C-4	General Discussion and Closing			
			Course Team	Course Team		Course Team	Course Team		Course Team		Course Team	Course Team		H. Schmickler	
15:30		Ordinary differential equations	Block A- 2	Block A -5		Block B- 2	Block B -5		Block C- 2		Block C-5				
			Course Team	Course Team		Course Team	Course Team		Course Team		Course Team				
16:30	Coffee						Coffee								
17:00	Linear Optics calculations II	Block A -3	Block A- 6	Block B -3		Block B - 6	Block C -3	0							
		Course Team	Course Team	Course Team	Course Team	Course Team	Course Team								
18:00	OneS-OneM		Seminar I							Seminar II					
	All					social event									
19:30	Dinner														