

Numerical Methods for Analysis, Design and Modelling of Particle Accelerators, 11-23 November 2018, Thessaloniki, Greece

	Sunday, 11-Nov	Monday, 12-Nov	Tuesday, 13-Nov	Wednesday, 14-Nov	Thursday, 15-Nov	Friday, 16-Nov	Saturday, 17-Nov	Sunday, 18-Nov	Monday, 19-Nov	Tuesday, 20-Nov	Wednesday, 21-Nov	Thursday, 22-Nov	Friday, 23-Nov		
8:30		Opening, introduction to afternoon courses H. Schmickler	Monte Carlo - Simulation Techniques J. Qiang	Truncated Power Series Algebra I (TPSA) E. Forest	Dynamical Systems, Representation of Particle Beams A. Chao	Machine Learning I D. Ratner	Partial differential equation S. Russenschuck		Reserve/Poster Session H. Schmickler	Computing Techniques I X. Buffat	Field Solvers III H. de Gersem	Analysis Techniques II Y. Papaphilippou			
9:30		Linear Algebra I A. Adelman	Genetic Optimisation I A. Adelman	Imperfections and corrections I R. Tomas	Partial differential equation S. Russenschuck	Multi Particle Simulation Techniques II J. Qiang	Machine learning II D. Ratner		Reserve/Poster Session H. Schmickler	Simulation of Interaction with material I N. Mokhov	Direct Vlasov Solvers I N. Mounet	Direct Vlasov Solvers II N. Mounet			
10:30	Coffee								Coffee						
11:00		Numerical computing W. Herr	Nonlinear Beam Dynamics W. Herr	Truncated Power Series Algebra II (TPSA) E. Forest	Imperfections and corrections II R. Tomas	Analysis Techniques I Y. Papaphilippou	Study time and discussion H. Schmickler		Field Solvers I H. de Gersem	Computing Techniques II X. Buffat	Field Solvers IV H. de Geersem	Reserve			
12:00		Linear Optics calculations I G. Sterbini	Genetic Optimisation II A. Adelman	Hamiltonian Dynamics W. Herr	Multi Particle Simulation Techniques I J. Qiang	TPSA III E. Forest	Study time and discussion H. Schmickler	E X C U R S I O N	Field Solvers II H. de Gersem	Simulation of Interaction with Material II N. Mokhov	Discussion session 	Comparison of various codes for interaction with material N. Mokhov	D E P A R T U R E D A Y		
13:00	Lunch									Lunch					
14:30	Hotel arrival	Linear Algebra II A. Adelman	Computer setup W. Herr	Block A- 4 E. Forest		Block B -1 J. Qiang	Block B- 4 J. Qiang			Block C -1 H. de Gersem		Block C-4 S. Russenschuck		Discussion and closing H. Schmickler	
15:30		Ordinary differential equations A. Adelman	Block A -1 G. Sterbini	Block A -5 E. Forest		Block B- 2 J. Qiang	Block B -5 J. Qiang			Block C- 2 H. de Gersem		Block C-5 S. Russenschuck			
16:30		Coffee								Coffee		Coffee			
17:00	CAS Registration	Linear Optics calculations II G. Sterbini	Block A- 2 G. Sterbini	Block A- 6 E. Forest	F R E E	Block B -3 J. Qiang	Block B- 6 J. Qiang		Block C -3 H. de Gersem		Block C-6 S. Russenschuck	F R E E			
18:00		OneS-OneM All	Block A -3 G. Sterbini	Seminar I: Gravitational Waves: The Sound of Silence K. Kokkotas			FREE			FREE			Seminar II: From Newtonian Cosmology to Strings G. Lazaridis		
19:00	FREE														
19:30	Dinner											Gala dinner			
	Social event														