

PROGRAMME FOR INTRODUCTION TO ACCELERATOR PHYSICS
19 September – 1 October, 2010, Bulgaria

TIME	Monday 20 September	Tuesday 21 September	Wednesday 22 September	Thursday 23 September	Friday 24 September	Saturday 25 September	Sunday 26 September	Monday 27 September	Tuesday 28 September	Wednesday 29 September	Thursday 30 September	Friday 1 October	
08.30	The Universe of Particle Accelerators	History & Applications of Accelerators II	Transverse Dynamics III	Beam Diagnostics I	Beam Diagnostics II	Transfer Lines	E X C U R S I O N	Multiparticle Effects I	Synchrotron Light Sources	Luminosity	Power Converters	Depart For Airport	
09.30	D. Dinev	P. Bryant	B. Holzer	U. Raich	U. Raich	B. Goddard		G. Rumolo	L. Rivkin	W. Herr	F. Bordry		
09.30	Relativity	Transverse Dynamics I	Longitudinal Dynamics III	RF Cavities	Linear Imperfections & Resonances I	Linear Imperfections & Resonances II		Synchrotron Radiation	Magnets (Warm)	FELs I	Vacuum in Accelerators		
10.30	C. Prior	B. Holzer	J. Le Duff	E. Jensen	O. Bruning	O. Bruning		L. Rivkin	D. Tommasini	M. Ferrario	V. Baglin		
	C O F F E E							C O F F E E					
11.00	E.M. Theory	Longitudinal Dynamics I	RF Systems	Introduction to Linacs I	T2 Transverse Dynamics	T3 Longitudinal Dynamics		Electron Dynamics	T4 Electron Dynamics	FELs II	FFAG		
12.00	C. Prior	J. Le Duff	A. Gallo	M. Vretenar				L. Rivkin		M. Ferrario	Sh. Machida		
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14.30	History & Applications of Accelerators I	Transverse Dynamics II	F R E E A F T E R N O O N	Introduction to Linacs II	Injection and Extraction	Introduction to Multiparticle Effects		Seminar CERN and High Energy Physics – the Grand Picture R. Heuer	F R E E A F T E R N O O N	Magnets (SC)	Particle Sources		
15.30	P. Bryant	B. Holzer		M. Vretenar	B. Goddard	D. Brandt		Multiparticle Effects II		L. Bottura	R. Scrivens		
15.30	Accelerators for Newcomers	Longitudinal Dynamics II		GS2 Transverse Dynamics	Seminar High Energy Ion Accelerators D. Dinev	Poster Session	G. Rumolo	Seminar Experiments at LHC&Bulgarian Participation P. Iaydjiev		D. Forkel-Wirth			
16.30	D. Brandt	J. Le Duff		T E A			T E A	T E A		T E A			
17.00	GS1 Relativity	T1 Relativity		Private Study	GS3 Longitudinal Dynamics	Private Study	GS4 Electron Dynamics		Private Study	Putting It Altogether			
18.00										W. Herr			
19.00	Welcome Drink			Dinner Visit to Observatory					Special Dinner				
19.30	Dinner	Dinner	Dinner		Dinner	Dinner	Dinner	Dinner		Dinner			