

PROGRAMME FOR INTRODUCTION TO ACCELERATOR PHYSICS

31 August – 12 September, 2014, Prague, Czech Republic

Time	Sunday 31 Aug	Monday 1 September	Tuesday 2 September	Wednesday 3 September	Thursday 4 September	Friday 5 September	Saturday 6 September	Sunday 7 Sep.	Monday 8 September	Tuesday 9 September	Wednesday 10 September	Thursday 11 September	Friday 12 September		
08:30	A R R I V A L <i>Regis- tration</i>	Opening Talks V. Petracek J. Pechlat R. Bailey	Transverse Beam Dynamics I	Transverse Beam Dynamics III	Longitudinal Beam Dynamics III	Linear Imperfections I	Linear Imperfections II	E X C U R S I O N	RF Systems I	RF Systems II	Synchrotron Light Machines	FELs	Cyclotrons		
09:30		Mathematics for Accelerators	Warm Magnets	SC Magnets	Power Converters	Electron Beam Dynamics I	Electron Beam Dynamics II		Linacs I	Linacs II	Luminosity	Collective Effects II	Applications of Accelerators		
10:30		R.Steerenberg	N. Marks	L. Bottura	N. Marks	L. Rivkin	L. Rivkin		A. Lombardi	A. Lombardi	G. Papotti	G. Franchetti	S. Sheehy		
		COFFEE	COFFEE	COFFE	COFFEE	COFFEE	COFFEE		COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	
11:00		E.M. Theory	Transverse Beam Dynamics II	Transverse Beam Dynamics IV	Guided Study On LBD	Tutorial On TBD	Tutorial On LBD		Guided Study On EBD	Tutorial On EBD	Non-Linear Dynamics	Tutorial General	Putting It All Together		
12:00		W. Herr	B. Holzer	B. Holzer	LUNCH	LUNCH	LUNCH		LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14:00		Introduction to Accelerators	Beam Instrumentation	Beam Diagnostics	F R E E A F T E R N O O N	Injection & Extraction	Septa, Kickers & Transfer Lines		Space Charge	Collective Effects I	F R E E A F T E R N O O N	Radiation Damage and Its Consequences	D E P A R T U R E		
15:00		R.Steerenberg	E. Holzer	U. Raich		W. Bartmann	W. Bartmann		G. Franchetti	G. Franchetti		M. Brugger			
15:00		Relativity	Longitudinal Beam Dynamics I	Longitudinal Beam Dynamics II		Machine Protection	Poster Session		Vacuum	Particle Sources		FFAGs			
16:00		W. Herr	F. Tecker	F. Tecker		I. Strasik	V. Baglin		D. Faircloth	S. Sheehy					
		TEA	TEA	TEA		TEA	TEA		TEA	TEA		TEA			
16:30		1 Slide 1 Minute	Private Study	Guided Study on TBD		Private Study	Private Study		17:00Semina r 60 Years of Science for Peace	Seminar Laser Driven Particle Acceleration		Seminar Proton Therapy			
17:30		R. Bailey							R. Heuer	D. Margarone		V. Vondracek			
19:30		Buffet Dinner	Dinner	Dinner		Dinner	Dinner		Dinner	Dinner		Dinner		Special Dinner	Dinner