

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