

PROGRAMME FOR VACUUM FOR PARTICLE ACCELERATORS
6-16 June, 2017, Lund, Sweden

Time	Tuesday 6 June	Wednesday 7 June	Thursday 8 June	Friday 9 June	Saturday 10 June	Sunday 11 June	Monday 12 June	Tuesday 13 June	Wednesday 14 June	Thursday 15 June	Friday 16 June	
08:30	A R R I V A L D A Y	Opening Talks	Materials & Properties IV: Outgassing	Getter Pumps	Industrial Vacuum Applications	E X C U R S I O N	Surface Characterisation	Transport to MaxIV Lab	Controlling Particles/Dust in Vacuum Systems	Vacuum Acceptance Tests for Particle Accelerator Equipment	D E P A R T U R E D A Y	
09:20		P. Chiggiato	E. Maccallini	A. Chew	R. Valizadeh		L. Lilje	G. Bregliozzi				
09:30		Introduction to Particle Accelerators	Vacuum Gauges I	Ion Pump Technology for Particle Accelerators	Vacuum Gauges II		Interactions between Beams and Vacuum System Walls	Seminar Max IV Laboratory	Beam Induced Radioactivity & Radiation Hardness	Manufacturing & Assembly for Vacuum Technology		
10:20		P. Tavares	K. Jousten	C. Maccarone	K. Jousten		R. Cimino	M. Grabski	F. Cerutti	S. Mathot		
		COFFEE	COFFEE	COFFEE	COFFEE		COFFEE	COFFEE	COFFEE	COFFEE		
11:00		Fundamentals of Vacuum Technology	Mechanical Vacuum Pumps	Introduction to Cryogenics	Beam Induced Desorption		Surface Cleaning & Finishing	Seminar ESS Spallation Source Vacuum System	Radiation Damage and its Consequence	The Real Life of Operation		
11:50		E. Al Dmour	H. Barfuss	S. Claudet	O. Malyshev		M. Taborelli	M. Juni Ferreira	M. Brugger	V. Baglin		
12:00		Impedance & Instabilities	Computation for Vacuum System of Accelerators	Cryo-pumping	Beam-Gas Interaction		Thin-Film Coating		Control & Diagnostic	Challenges for Vacuum Technology of Future Accelerators		
13:00		R. Wanzenberg	R. Kersevan	V. Baglin	M. Ferro Luzzi		P. Costa Pinto		G. Pigny/A. Rocha	J. Jimenez		
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14:30		Materials & Properties I: Introduction							Visit to Max IV			Tutorial Work
15:20		S. Sgobba	Tutorial	Tutorial	Tutorial		Tutorial		15:30	Tutorial		
15:30		Materials & Properties II: Thermal & Electrical Characteristics							15:30			Closeout
16:20		S. Calatroni							Visit to ESS			
		TEA	TEA	TEA	TEA		TEA			TEA		TEA
17:00		Materials & Properties III: Mechanical Behaviour	Tutorial Work	Tutorial Work	Tutorial Work		Tutorial Work	Tutorial Work		Tutorial Work		Closing Remarks
17:50		C. Garion										
19:30		Buffet Dinner	Dinner	Dinner	Dinner		Dinner	Dinner	Dinner	Dinner		Special Dinner