

April 2006

PROGRAMME
VACUUM IN ACCELERATORS (16-24 May 2006, Platja D'Aro, Spain)

Time	Wednesday 17 May	Thursday 18 May	Friday 19 May	Saturday 20 May	Sunday 21 May	Monday 22 May	Tuesday 23 May	Wednesday 24 May
08:30	Opening Talk The ALBA Project	Thermal Outgassing	Non-thermal Outgassing	E X C U R S I O N	Partial Pressure Gauges	Analytical & Numerical Tools for Vacuum Systems	Cold/Sticky Systems	Buses to Airport
09:30	L. Miralles	P. Chiggiato	N. Hilleret		G. Peter	R. Kersevan	V. Baglin	
09:30	Introduction to Vacuum	General Design Rules	Materials		Beam-Vacuum Interaction I Lifetime, Cross-sections, Activation	Beam-Vacuum Interaction II Lifetime, Ion-Electron, Trapping, Dust, E-Cloud	Iter Vacuum System	
10:30	F. Dylla	C. Hauviller	S. Sgobba		P. Grafström	O. Gröbner	M. Wykes	
	COFFEE	COFFEE	COFFEE		COFFEE	COFFEE	COFFEE	
11:00	Introduction to Accelerators	Mechanical Pumps	Ion Pumps		Leak Detection	Getter Pumps	Control Systems	
12:00	D. Brandt	A. Chew	M. Audi		K. Zapfe	C. Benvenuti	P. Strubin	
	LUNCH	LUNCH	LUNCH		LUNCH	LUNCH	LUNCH	
15:00	Physics of Outgassing	Gauges for Fine and High Vacuum	UHV Gauges		Cryo Pumps	Surface Properties and Cleaning	Vacuum Aspects in Synchrotron Light Sources	
16:00	P. Chiggiato	K. Jousten	K. Jousten		C. Day	M. Taborelli	R. Reid	
16:00	Gas Dynamics	Water Outgassing	Interaction with Matter		Sealing Technology	Use of NEG Pumps and Coatings in Large Vacuum Systems	Misconceptions and other Sources of Problems	
17:00	F. Sharipov	F. Dylla	J. Schou		K. Sonderegger	F. Mazzolini	N. Hilleret	
	TEA	TEA	TEA		TEA	TEA	TEA	
17:30	Introduction to Cryogenics	Industrial Applications of Vacuum	History of Vacuum Technology for Physics Research		Large Systems Commissioning	Challenges for XHV	Vacuum Challenges for Future Machines	
18:30	P. Lebrun	D. Mueller	F. Dylla	K. Zapfe	F. Dylla	R. Reid		
	Welcome Drink	DINNER	DINNER	DINNER	DINNER	Special Dinner	DINNER	