

PROGRAMME FOR SUPERCONDUCTIVITY FOR ACCELERATORS

24 April – 4 May 2013, Erice, Italy

Time	Wednesday 24 April	Thursday 25 April	Friday 26 April	Saturday 27 April	Sunday 28 April	Monday 29 April	Tuesday 30 April	Wednesday 1 May	Thursday 2 May	Friday 3 May	Saturday 4 May
09:00	A R R I V A L D A Y	Introduction	AC/RF Superconductivity	Cavity Design & Ancillaries II	E X C U R S I O N	Superconductors for Magnets I	Mechanical Design of SC Magnets I	Cryostat Design I	Stability of SC Cables	Superconductor Dynamics	D E P A R T U R E D A Y
10:00		R. Bailey	G. Ciovati	H. Padamsee		R. Flukiger	F. Toral	V. Parma	L. Bottura	F. Gomory	
10:00		Basic Thermodynamics for SC	Material Properties at LT	Fabrication & Materials		Principles of SC Magnet Design	Heat Transfer & Cooling Techniques I	Heat Transfer & Cooling Techniques II	Protection of SC Magnets	Vacuum Techniques for SC Devices	
11:00		P. Duthil	P. Duthil	W. Singer		H. Ten Kate	B. Baudouy	B. Baudouy	H. Ten Kate	P. Chiggiato	
		COFFEE	COFFEE	COFFEE		COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	
11:30		Superconductivity I	HOMS and Heating	Limitations & Possible Solutions		Superconductors for Magnets II	Mechanical Design of SC Magnets II	Cryostat Design II	Superfluid He Technology/ Applications	Manufacturing and Testing	
12:30		D. Larbalestier	B. Holzer	C. Antoine		R. Flukiger	F. Toral	V. Parma	P. Lebrun	L. Rossi	
		LUNCH	LUNCH	LUNCH		LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	
15:00		Transverse Beam Dynamics	Refrigeration I	Measurement Techniques I		Superconducting Cables	F R E E A F T E R N O O N	Case Study Work	Case Study Presentations	Current Leads, Links and Buses	
16:00		B. Holzer	A. Alekseev	D. Reschke		P. Bruzzone		Case Study Work	Case Study Presentations	Large SC Magnet Systems	
16:00		Superconductivity II	Refrigeration II	Measurement Techniques II		Magnetic Design of SC Magnets		Case Study Work	Case Study Presentations	Large SC Magnet Systems	
17:00		D. Larbalestier	A. Alekseev	D. Reschke		E. Todesco		TEA	TEA	TEA	
		TEA	TEA	TEA		TEA	TEA	TEA	TEA		
17:30		Longitudinal Beam Dynamics	Cavity Design & Ancillaries I	Event Creation's Birthday		Seminar NMR/MRI	Seminar HTS Power Applications	Case Study Presentations	Case Study Summary		
18:30	B. Holzer	H. Padamsee	H. Padamsee	T. Havens	M. Noe	P. Ferracin					
18:30	Case Study Introduction	Seminar ITER				Closing Talk					
	L. Bottura	N. Mitchell									
20:00	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Banquet	Dinner		