

EASISchool2 on Cryogenic Applications from Research to Industry

30th of September to 4th of October 2019, Pairs-Saclay and Grenoble, France

Tentative School Timetable - Sept. 2019

Paris-Saclay / NEUROSPIN Amphitheater			Grenoble / Maison MINATEC - Conference Center			
address : Centre CEA Paris-Saclay / Neurospin Bâtiment 145, « Allée des Neurosciences, Saint-Aubin, France »			address : MINATEC, 3 parvis Louis Néel, 38054 Grenoble, France			
Monday 30 September	Tuesday 1 October	Wednesday 2 October	Thursday 3 October	Friday 4 October		
8:00 AM	Registration	Registration	Registration	Registration	8:00 AM	
8:15 AM					8:15 AM	
8:30 AM	Welcome & Introduction - B.Baudouy	Introduction	Transfer Paris/Saclay - Grenoble	Welcome & Introduction - F.Millet	Introduction	
8:45 AM	Medical applications	Superconducting magnets	by RER B (regional express network) & TGV (high speed train)	Space and Aerospace applications	Large-Scale refrigeration and Liquefaction	
9:00 AM	Cryomagnetism for Neuroscience	LHC Cryogenics		Cryogenics for space	He refrigeration and liquefaction	
9:15 AM	V.Gras NEUROPSIN	P.Lebrun (CERN)		L.Duband (CEA)	Y.Fabre (ALaT)	
9:30 AM	Cryomagnetism for MRI	Accelerator magnets		Space mission (ESA)	T.Tirolien	Cryogenic storage and distribution
9:45 AM	The 11.7 T Iseult MRI Magnet L. Quettier	S.Bates (Tesla)				Stéphane Duval (ALaT)
10:00 AM	Coffee break	Coffee break				
10:15 AM	Iseult magnet Cryogenics	Cryogenics for detector magnets				Coffee break
10:30 AM	P.Brédy (CEA)	C.Fabre (CERN)				Helium Dilution coolers
10:45 AM	Cryogenics in Proton Therapy Systems	Cryogenics for Iiter				G.Vermeulen (CNRS)
11:00 AM	A.Godeke (Varian)	R.Maekawa (ITER)				Accidental heat flux and safety design
11:15 AM	Iseult magnet visit	Cryogenics for HTS magnets				E.Ercolani (CEA)
11:30 AM	P.Brédy + L.Quettier	T. Lecrevisse (CEA)				Magnetic Refrigeration coolers
11:45 AM		Large cryogenics test facilities			JM.Duval (CEA)	
12:00 PM		W.Abdel-Maksoud (CEA)			Turbo-Brayton coolers for space	
12:15 PM	Walking transfer	Walking transfer			J.Tanchon (Absolut System)	
12:30 PM						
12:45 PM						
1:00 PM	Lunch at Rotonde	Lunch at Rotonde	Lunch at Minatec	Lunch at Minatec		
1:15 PM						
1:30 PM						
1:45 PM						
2:00 PM	Accelerator applications	Cryogenics for Future	Tramway transfer			
2:15 PM	SFR accelerator cavities	Cryogenics at Oxford Instrument	ESRF visit	Cryogenic integration in satellites	Research & Innovation in industry	
2:30 PM	E.Cenni (CEA)	Z.Melhem (Oxford Instrument)	E.Legallo + ESRF team	B.Collaudin (TAS)	Management of Research and Innovation	
2:45 PM	Cryogenics for XFEL	LNG cryogenics			P.Crespi (ALaT)	
3:00 PM	A.Gresele (Zanon)	B.Morel (GTT)				
3:15 PM	Cryogenics for accelerator cavities	Superconducting magnet for space				
3:30 PM	P.Duthil (IPN Orsay)	R.Battiston (Univ. Trento)				
3:45 PM	Cryogenics for ESS	Levitation technology				
4:00 PM	M.Pekeler (RI)	Supélec				
4:15 PM	Coffee break	Coffee break	Walking transfer			
4:30 PM	CEA Accelerator Lab visit	CEA cryomagnetism Lab visit	LNCMI visit			
4:45 PM	B.Baudouy + CEA team	B.Baudouy + CEA team	X.Chaud + LNCMI team			
5:00 PM						
5:15 PM						
5:30 PM						
5:45 PM						
6:00 PM						
				Bus transfer		
				EASISchool2 Dinner - Grenoble restaurant		