

# Superconducting Magnet Technology for Space

June 17<sup>th</sup>, 2015 - Neurospin lab, Saclay

TIME	SPEAKER	COMPANY	TITLE OF TALK
09.00	Registration		
09.30	Bertrand Baudouy	CEA	Welcome Speech
09.45	Roberto Battiston	INFN	Workshop Introduction
<b>Chair: Bertrand Baudouy, CEA</b>			
10.00	Maria Antonietta Perino	TAS-I	Space Exploration / Colonisation Programmes
10.30	Akira Yamamoto	KEK	Brief History – Challenge of Going to Space
11.00	<b>Coffee Break</b>		
11.30	Chiara La Tessa	BNL	The Need of Superconducting Magnets for Space Application
12.00	Marc Nusbaum	Alstom	Technology Challenges for Superconductivity in Industry
12.30	<b>Lunch</b>		
<b>Chair: Piero Spillantini, INFN</b>			
14.00	Cyril Poupon	CEA	Magnetic Field for Neuroscience
14.30	Pasquale Fabbriatore	INFN	Large Terrestrial SC Magnets; from Atlas to SR2S
15.00	Lionel Quettier	CEA	Magnetic Levitation
15.30	<b>Coffee Break</b>		
<b>Chair: Piero Spillantini, INFN</b>			
15.45	Riccardo Musenich	INFN	Conductor Development
16.00	Riccardo Musenich	INFN	The SR2S Magnet
16.15	Marco Vuolo	TAS-I	Radiation Doses Simulation
16.30	François-Paul Juster	CEA	Protection Study
16.45	Romain Bruce	CEA	Cryogenics Development for SR2S
17.00	Francesco Zanetti	CGS	The Thermal Management of SR2S
17.15	<b>Conclusions</b>		