

The 4nd Saclay-KEK cooperation program workshop on superconducting magnets and cryogenics for accelerator frontier

March 16, 2010 CEA Saclay France
Bld 123, Room 311

9h00 WELCOME
9h30 Bertrand Baudouy and Nobuhiro Kimura

MAGNET DEVELOPMENT

9h30 Short Racetrack windings for mechanical characterization of ceramic-insulated cables
10h00 Françoise Rondeaux, CEA Saclay

10h00 Development status of Nb3Al high field Magnet for LHC Luminosity Upgrade
10h30 Qingjin Xu, KEK

10h30 Results on SuperPower YBCO rubans
11h00 Thibault Lecrevisse, CEA Saclay

11h00 The Safirs project
11h30 Maria Durante, CEA Saclay

11h30 Update of the R3B-Glad project
12h00 Bernard Gastineau, CEA Saclay

12h15 Lunch
13h45

CRYOGENICS R&D

14h00 Heat transfer through ceramic electrical insulation in He II
14h30 Slawomir Pietrowicz, CEA Saclay

14h30 Study of Film Boiling Phenomena in He II in a narrow 2D channel using visualization technique
15h00 Nobuhiro Kimura, KEK

15h00 Experimental study of nitrogen natural circulation loop
15h30 Bertrand Baudouy, CEA Saclay

15h30 Quench experiments in a 8T Superconducting magnet
15h45 Walid Abdel Maksoud, CEA Saclay

15h45 CLOSING REMARKS and report on FJPPL
16h15 Nobuhiro Kimura, KEK and B. Baudouy , CEA Saclay