

The 2nd Saclay-KEK cooperation program workshop on superconducting magnets and cryogenics for accelerator frontier

VPSSL * Saclay * Espace Σ * SACM * SAp * Sedi * SIS * SPn * SPP * Irfu Rechercher

INTRANET
 de L'INSTITUT DE RECHERCHE
 sur les LOIS FONDAMENTALES
 de l'UNIVERS

RECHERCHER PRATIQUE VIE DU LABO CONTRIBUER LIENS PROJETS

Irfu Phocea Vie des labos Seminaires

Archives :

1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008

Prochains séminaires Recherche Contact

The second Saclay KEK cooperation program workshop on superconducting magnets and cryogenics for accelerator frontier Journées prospectives / workshop

Le 28/03/2008 à 09h30
 Bât 123, p 311, CEA-Saclay

Program.pdf (5 Ko) SACM

The KEK Cryogenics Science center and the Irfu/SACM have started collaborating on different themes within the framework of the France Japan ILC-LHC and Particle Physics Laboratory. The workshop aims at exchange of research progress, and discussions for our possible further cooperation in the field of applied superconductivity and cryogenics in high energy particle accelerators and physics experiments.

The workshop will take place from 9h30 to 17h15

March 28 2008
CEA/Saclay

Welcome

Welcome to Saclay and to the **2nd** Workshop for the Saclay and KEK Cooperation Program for Superconducting Magnets and Accelerator Frontier

The workshop aims at Exchange of Research Progress, and discussions for our possible further cooperation in the field of applied superconductivity and cryogenics in high energy particle accelerators and physics experiments.

Agenda

9h00 **WELCOME and OPENING Breakfast**

9h30 Bertrand Baudouy

CRYOGENICS R&D

Chair: B. Baudouy

9h30 Heat transfer in superfluid helium through porous media

10h00 Hervé Allain, CEA Saclay

10h00 Visualization study of film boiling in narrow channel under He II

10h30 Suguru Takada, KEK

10h30 Coffee Break

10h45

10h45 Heat transfer through Nb₃Sn electrical insulation

11h15 Jaroslaw Polinski, CEA Saclay

11h15 Heat transfer characteristics of classical insulation system under SHe

11h45 Slavomir Pietrowicz, WUT

Agenda

12h00

Lunch

13h45

- Lunch at « La Rotonde » with all speakers and the organizers

Agenda

MAGNET DEVELOPMENT	
Chair : Jean-Michel Rifflet	
14h00	Neurospin/Iseult Cryogenics
14h30	Philippe Brédy, CEA Saclay
14h30	Update on J-Park project
15h00	Nobuhiro Kimura, KEK
15h00	Update on Nb ₃ Sn Quadripole project
15h30	Maria Durante, CEA Saclay
15h30	Coffe Break
15h45	
15h45	Developpement of the ceramic Insulation for accelerator magnets
16h15	Françoise Rondeaux, CEA Saclay
16h15	Design study of 15 T superconducting magnet with Nb ₃ Al cable in KEK
16h45	Ken-ichi Sasaki, KEK
16h45	The R3B-Glad project
17h15	Bernard Gastineau, CEA Saclay