

Introduction to the “Workshop on Cryogenics and Vacuum Sectorization of the SPL”

R. Garoby – 9/11/2009



SPL News...

Additional resources have been reserved in CERN budget for the years 2010-2012 to properly fulfil the goals of the SPL study:

- **Design, construction and characterization of superconducting cavities (8 of them under direct CERN supervision, with processing at CERN),**
- **Construction and assembly of a complete cryomodule, equipped with 8 $b=1$ cavities,**
- **Upgrade of the SM18 test place for testing simultaneously at high RF power multiple cavities in the cryomodule, at their nominal operating temperature of 2 K,**
- **Development towards the H^- ion source of the SPL,**
- **Design of the architecture of the SPL RF system,**
- **Study of Civil Engineering and General Services for estimating construction costs.**

SPL News...

This is the 3rd technical workshops in 2009:

- **November 2009 09** [Workshop on cryogenic and vacuum sectorisations of the SPL](#)
- **September 2009 30** [Mechanical issues SPL cavities/cryomodules](#)
- **June 2009 25** [SPL HOM workshop](#)
- **April 2008 30** [Status of analysis of SPL RF frequencies and cooling temperature](#)

SPL News...

It will be followed by the 3rd SPL collaboration meeting:

- **November 2009 11** [3rd SPL Collaboration Meeting](#)
- **May 2009 09** [2nd SPL Collaboration Meeting](#)
- **December 2008 11** [1st SPL Collaboration Meeting](#)

finishing with the 1rst meeting of the SPL Collaboration Board.



SPL News...

To meet the deadline of 2012, activity will be especially intense in the next 12 months. Prototypes must be launched, SM18 test place must be upgraded...

The outcome of this workshop will be essential to help refine the SPL design:

YOUR CONTRIBUTION WILL BE VERY IMPORTANT!

THANK YOU FOR BEING HERE WITH US.