Superconducting RF Acceleration Systems (SRFAS)

Orsay Meeting, 19 December 2006

1. Proposal for a JRA Structure
2. Identification of TNAs
3. A Networking Activity

Proposal for a JRA Structure

Superconducting RF Acceleration Systems (SRFAS)

JRA1 : High Gradient Superconducting Cavities

JRA2 : Cavity Prototypes

JRA3 : Superconducting CW RF Gun

JRA4 : Beam Studies

JRA5 : Cavity Tests

Joint Research Activities (1/2)

	JRA1 : High Gradient SC Cavities					JRA2 : Cavity Prototypes			
	Single Crystal	EP	Thin Films	Tuners	End Groups	RF Design	Crab Cavities	3.9 GHz Cavities	101 MHz Nb/Cu λ/4
CCLRC Daresbury Liverpool Cockcroft I.									
CEA Saclay Grenoble									
CERN									
CNRS LAL IPNO									
DESY									
INFN Frascati Milano Padova Roma 2									
Polish.Univ. Lodz Swierk Warsow									
PSI									
Rossendorf									
Wuppertal U.									

Joint Research Activities (2/2)

	JRA3 : SC CW RF Gun				JRA4 : Beam Studies			JRA5 : Cavity Tests		
	Thin Film Photo-cathodes	RF Gun Cavity	Polarised Electrons	LASER Studies	Beam Physics	FLASH	Emittance Improvement	GPI at CERN	SupraTech IdF	Cryogenics Grenoble
CCLRC Daresbury Liverpool Cockcroft I.										
CEA Saclay Grenoble										
CERN										
CNRS LAL IPNO										
DESY										
INFN Frascati Milano Padova Roma2										
Polish.Univ. Lodz Swierk Warsow										
PSI										
Rossendorf										
Wuppertal Univ.										

NA : unique networking activity

- WP1 : IA Mid and Long Term Scientific Directions
- WP2 : IA Dissemination and Publications
- WP3 : Organisation of Meetings for the IA

Trans National Access

- CERN Infrastructure
- SUPRATECH Ile de France
- DESY FLASH