

**Agenda of LHC IR Upgrade Collaboration Meeting**  
**Building 112/4-B10**  
**CERN, SL Division, CH-1211 Geneva 23, Switzerland**  
**March 11-12, 2002**

**SESSION 1: LHC Upgrade Scenarios (S. Peggs)**

**MONDAY 11 MARCH**

**09:00-12:30**

Welcome	N. Siegel	09:00-09:10
Introductory remarks	T. Taylor	09:10-09:20
LHC Upgrade: CERN Feasibility Study	F. Ruggiero	09:20-10:00
BNL Accelerator Physics Topics	S. Peggs	10:00-10:15
LBL Accelerator Physics topics	M. Furman	10:15-10:30
COFFEE BREAK		
		10:30-11:00
Beam Experiments	F. Pilat	11:00-11:20
Cryogenics	L. Tavian	11:20-11:40
Luminosity and longitudinal density monitors for LHC	B. Turne	11:40-12:00
DISCUSSION		
		12:00-12:30

**SESSION 2: IR Layout and Magnet Parameters (J. Strait)**

**MONDAY 11 MARCH**

**14:00-18:00**

Baseline LHC interaction regions	R. Ostojic	14:00-14:30
Simplest upgrade - same optics, larger aperture quads		14:30-15:30
Optics and layout	T. Sen	
Energy deposition	N. Mokhov	
Magnet parameters	A. Zlobin	
Layouts and magnet parameters using HTS quadrupoles		
	S. Peggs/R. Gupta	15:30-16:00
COFFEE BREAK		
		16:00-16:30
Layout with D1 first		16:30-17:00
Optics and layout	O. Bruning	
Magnet parameters	TBD	

DISCUSSION

17:00-18:00

**SESSION 3: Magnet Technology and Conductor Developments (L. Rossi)**

**TUESDAY 12 MARCH**

**09:00-12:30**

Cos(theta) quadrupole design	A. Zlobin	09:00-09:25
IR Quad R&D Programme	S. Gourley	09:25-09:40
Flat coil quadrupole design	S. Russenschuck	09:40-09:55

HTS magnets and alternative design for Nb3Sn quads

R. Gupta	09:55-10:20
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COFFEE BREAK

10:20-10:35

**PANEL DISCUSSION on technology and R&D of high field magnets**

- CERN	L. Rossi	10:35-10:45
- FNAL	A. Zlobin	10:45-11:00
- LBNL	S. Gourlay	11:00-11:15
- BNL	R. Gupta	11:15-11:30
- Twente University	A. den Ouden	11:30-11:45
- CEA	A. Devred	11:45-12:00
- KEK	K. Tsuchiya	12:00-12:15
- INFN	F. Broggi	12:15-12:30

**SUMMARY TALKS (F. Ruggiero)**

**TUESDAY 12 MARCH**

**13:30-15:00**

Summary of Session 1	S. Peggs	13:30-14:00
Summary of Session 2	J. Strait	14:00-14:30
Summary of Session 3	L. Rossi	14:30-15:00

**EXECUTIVE SESSION: Conclusions and Recommendations (T. Taylor)**

**TUESDAY 12 MARCH (room 40/4-C01)**

**15:30-18:00**

After the Summary Talks, informal discussions may continue in the SL-AP Conference Room 112/4-C17 (in parallel to the Executive Session).

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