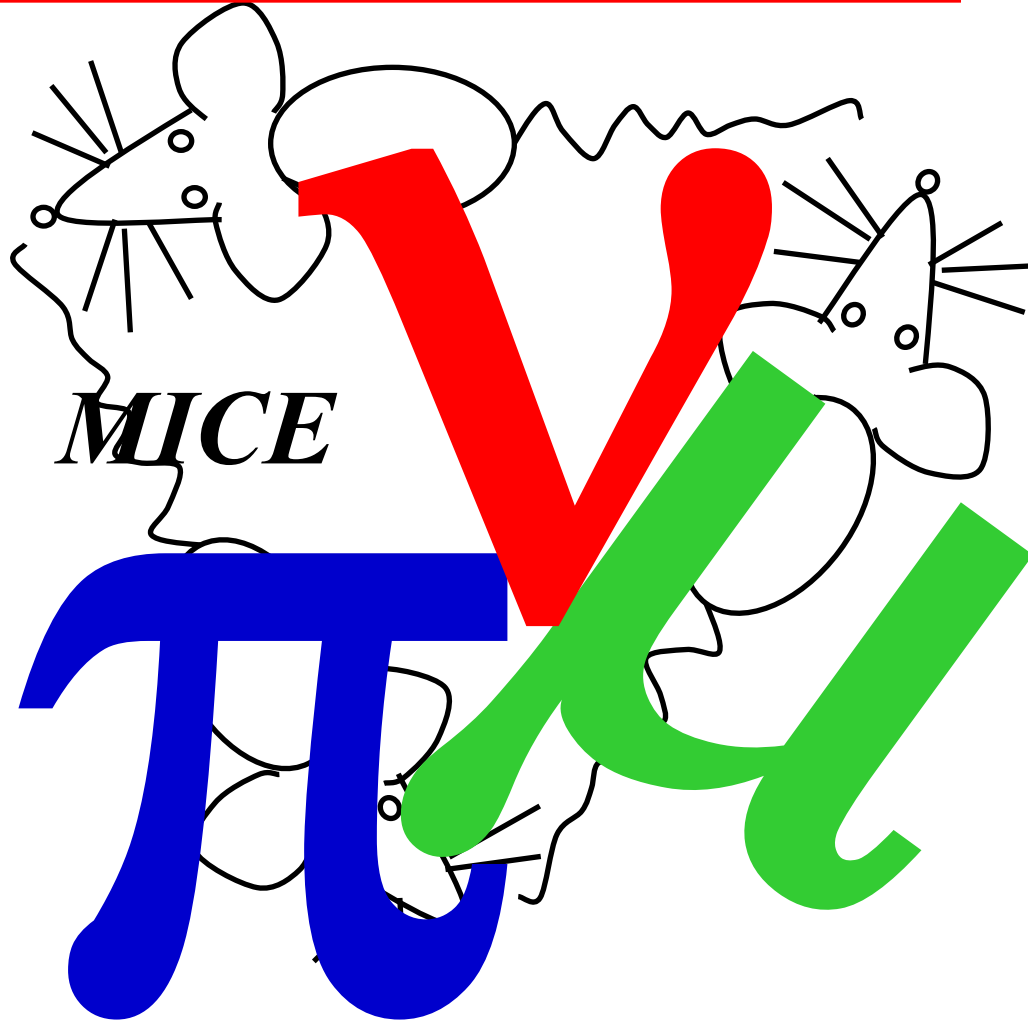




Welcome to MICE CM29



GOALS OF THE MEETING



By Next Meeting



- Develop complete understanding of Step 1 data
 - continue efforts to study increased intensity/beam loss regime
 - produce first MICE paper (need to precisely specify its content)
- Simulations of measurements needed for Steps 3-4
- Resolve external field issue for Step 6 solenoid mode
- Fully define magnetic measurement needs and plan
 - in writing!
- Review and approve spectrometer solenoid repair plan
- Complete, review, and approve CC cryostat design
- Assess progress of CC cold mass fab + HIT test facility
- Prepare test plan for RF cavities
- Monitor progress on EMR fab and impact on infrastructure
- Put official slide repository into operation



Main Goals of the meeting

I. rebaselining of schedule step I (II skip) (III skip) IV V VI

caveats:

0. EMR electronics is at stage of production prototypes

1. spectrometer solenoid repair plan is well advanced but not complete

2. focus coil winding is still 'about to start'

3. many details have not been worked out yet in particular

magnetic measurement plan

controls

overall quench protection

4. RF power system and Coupling Coil schedule have many interrrogations still

II. establish run plan for 2011 and prepare how we operate

III prepare physics goals for step(s) IV

IV. review status of MICE STEP I results finalize publication content

V establish set of 'MICE official plots'



APOLOGIES

We received apologies from LBNL team

Mike Zisman, Derun Li, Steve Virostek, Allan DiMello

will participate by phone connection

stay at LBNL for re-organization of efforts with director of AFRD

→ aim at successful production of MICE magnets



Dear MICE Stakeholders,

As we are all painfully aware, the MICE magnet fabrication has incurred extensive delays. I won't take the time here to give you a history of how we got to this point as it would take too long and wouldn't be of any real value anyway. The important question is how to move forward. I acknowledge the management responsibility I inherited when I became Director of AFRD, but as a consequence of the concern voiced by the DOE Office of High Energy Physics the Division Office will now assume technical responsibility. So, from this point forward I will be the technical point of contact in all matters regarding LBNL responsibilities for the MICE magnet systems, i.e. the spectrometer solenoids and coupling coils. I will be working with the LBNL MICE team to generate a plan to get these magnets built and successfully tested. The plan will most likely need to include optimized use of outside resources, particularly Fermilab and possibly other non-HEP labs as well. It will not be easy and it will not be cheap.

Thank you in advance for your support and I look forward to working with you.

Best Regards,

Steve

--

Stephen A. Gourlay, Ph.D.
Director, Accelerator and Fusion Research Division
Lawrence Berkeley National Laboratory



We appreciate that the issue is recognized as serious and important at the highest levels in the USA.

We are looking forward to working with S. Gourlay et al.

Our MICE LBNL colleagues presently involved with these magnets have faced a situation that has become progressively more and more difficult, but they have worked hard and deserve to be praised and trusted. We are looking forward to continue collaboration with them and with the new people and partners that will be so necessary to reach the goals.

MICE are all working hard to achieve demonstration of a new technique of accelerator technology and we have already experienced that the road is bumpy, but we all remain highly motivated by the scientific promises of this enterprise.



GÖTTERDÄMMERUNG?





NEW responsibilities

Malcolm Ellis has been successively replaced by combination of characters

- David Colling (software coordination)
- Chris Rogers (G4MICE)
- Paul Kyberd (MICE News)
- Chris Tunnel (PPD contact and EB secretary)

James Leaver is being replaced

- Target (Mat Robinson, Sheffield)
- Controls (Pierrick Hanlet)

Jean-Sebastien is still there but... leaving in June

- Yordan Karadzhov (DAQ)
- and someone from the MICE Online Group to take over from JSG
(Please MOG come up with a proposal)

Magnets: -- Roy Preece and Mike Courthold will assure coordination of magnets MICE-wide

(quench protection/controls/magnetic measurements etc...
are common tasks)

- Steve Gourlay will be contact point for magnets in the US



Project management

PM Andy Nichols has re-organised MICO meetings with reports by subsystem owners:

MICE Major Subsystems and owners

Date: 28th January, 2011

Version: 1.0

Subsystem	Owner	Comment
Target	Long	
Infrastructure (mech and elect)	Hayler	
Spectrometer solenoids	Virostek	
Fibre trackers	Bross	
Diffuser	Cobb	
Online Group	Graulich	
MICE Controls	Hanlet	
DAQ	Graulich	
MLCR Infrastructure	Macwaters	
Online reconstruction	Coney	
RFCC modules	Derun Li	
FC modules	Bradshaw	
Liquid hydrogen absorber	Ishimoto	
Solid absorber(s)	TBD	
RF infrastructure	Hayler	
RF amplifier/Power station	Moss	
Beamline hardware operation & maintenance	Long	
Vacuum plant	TBD	This WP presently undefined
EMR	Cadoux	
TOF	Bonesini	
KL	Tortora	
BPM	Bross	
LH2 delivery system	Hills	
PPS	Macwaters	
Global MICE Software and computing	Colling	
Global magnet system	Preece	
Cherenkov detectors	Cremaldi	

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THANK YOU

+all of you for being here !

in Person or in Spirit

Lets have a good meeting!