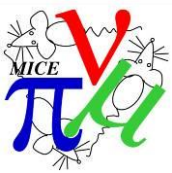




# ANALYSIS -- next

Many thanks to predecessors Yagmur Torun and John Cobb  
Thanks to Victoria and Chris Rogers for useful discussions

- spirit
- organization
- all this can evolve as needed.



## SPIRIT -- I

Need expressed at occasion of summer conferences that we should restart Analysis meetings.

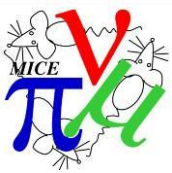
Goal: forum where analysis is discussed

-- from beginning

« I/we would like to study this particular problem and I/we propose to do it this way »

-- until concluded by an output that MICE can sign as collaboration.  
... MICE notes encouraged as frequently as possible.

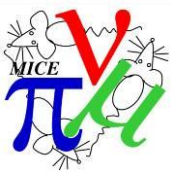
No point in having « my analysis » if in the end it does not become « MICE analysis »



# SPIRIT -- II

## Credit

- 0. By presenting your work at meeting
  - A. By writing your own MICE note(s)
    - no MICE reviewing, but this is centralised documentation ...
    - ... and trace of personal contribution
    - prefer: short and frequent (= easy to write and read)
    - to: long and after the fact
  - B. By being awarded posters/talks to conferences
    - awarded and reviewed by the collaboration
    - usually leads to publication 'on behalf of MICE collaboration'
    - not necessarily on your own work!
  - C. And of course by getting good reputation inside collaboration
  - D. On special cases, worthy new ideas or methods can be published independently but with no use of MICE data. Consult the collaboration before doing that!
  - E. Thesis/habilitation as the case maybe



## ORGANIZATION

First date will be

**Thursday 10 November 15:00 GMT by MICE phone meeting.**

**We expect to run the meeting every two weeks  
except when this collides with a MICE video conference.**

**24 November**

**8 December**

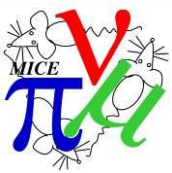
**22 December**

**5 January**

**not on 19 January (MICE VC)**

**2 February**

**Next CM 8-11 February**



Many of you have been involved in analysis of MICE data in one way or the other.  
We will set up the agenda with the aim of ensuring that all analysis work is exposed to the analysis forum regularly.

We expect several benefits from this

- better communication should allow more efficient higher quality work (and more fun, too)
- exchange of ideas and collaboration in analysis tools
- it will help everyone to prepare (and get approval for) work to be presented at conferences, workshops etc..



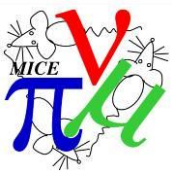
**In order to help us**

**could those of you involved in analysis drop us an email with the following information by next Wednesday 2 November**

- topic of analysis**
- MICE step involved,**
- data on which you are (or will be) working,**
- software you are using (G4MICE, G4beamline, MAUS, others)**
- date at which you expect to produce what result**
- publication of results expected or already made:**
  - presentation at MICE meeting,**
  - MICE note,**
  - paper, conference**

**several possible such blocs per person.**

**I already received several answers, THANK YOU!**

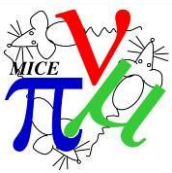


## Will shortly publicize this list

who	email	institute	area	relevant step	subject
John Cobb	j.cobb1@PHYSICS.OX.AC.UK	Prof Oxford		Step IV	all
Victoria Blackmore	v.blackmore1@physics.ox.ac.uk	RA Oxford		step IV	magnetic measurements
Tim Carlisle	t.carlisle1@physics.ox.ac.uk	PhD Oxford		step IV	solid absorbers, energy loss
Pavel Snopok	snopok@GMAIL.COM	RA IIT		step IV	solid absorbers
Summer Blot	blotsd@gmail.com	Under Uchicago		step I	proton absorber
				step IV	tracker
Rob Fletcher	robroy.fletcher@gmail.com	Under Riverside		step I	neutrals
				stepIV	tracker
Oleg Lysenko	olysenko@FNAL.GOV				
Durga Rajaram					
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Edward Santos	e.santos10@imperial.ac.uk	RA ICL		StepIV	tracker
Paul Soler	p.soler@physics.gla.ac.uk	Prof Glasgow		stepI	luminosity monitor
Marco Apollonio	a.dobbs07@imperial.ac.uk	RA RAL		StepI	beam line

SO FAR

THIS INFO IS ~MY GUESS



# MICE mine web site

## Requested Functionalities

- meeting agendas with possibility to upload talks and a standard way to produce a new page accessible from the MICE main web page
  - perhaps a thread to follow issues
  - a repository (or link system) to
    - software relevant to analysis,
    - official (and non-official) data sets,
    - calibrations etc....
  - and also
    - references,
    - useful papers
    - and a sufficient (and nice if possible) way to communicate with the MICE note system
  - some flexibility to adapt to new situations that will certainly occur
  - blank space created (Thanks Chris Tunnel!)
- <http://micewww.pp.rl.ac.uk/projects/analysis> for an area on micemine.  
Also: <https://launchpad.net/mice-analyses>





## SHORT DISCUSSION ON SETTING PRIORITIES FOR THE AGENDA

remaining Step I and EMR run plan

EMR commissioning data

EMR performance data

Proton absorber, neutrals, rates, optimization of energy spread distribution

Step IV run plan

MICE and Tracker commissioning/performance data

Beam (diffuser)

Optics

Absorber commissioning/performance data and analysis

Online reconstruction and analysis

an interesting case for defining the interface between software and analysis

Magnetic

Etc... your suggestions

**DISCUSSION**