

Collaboration Board Summary

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MICE cm36

Jun 19, 2013 – Fermilab



Agenda

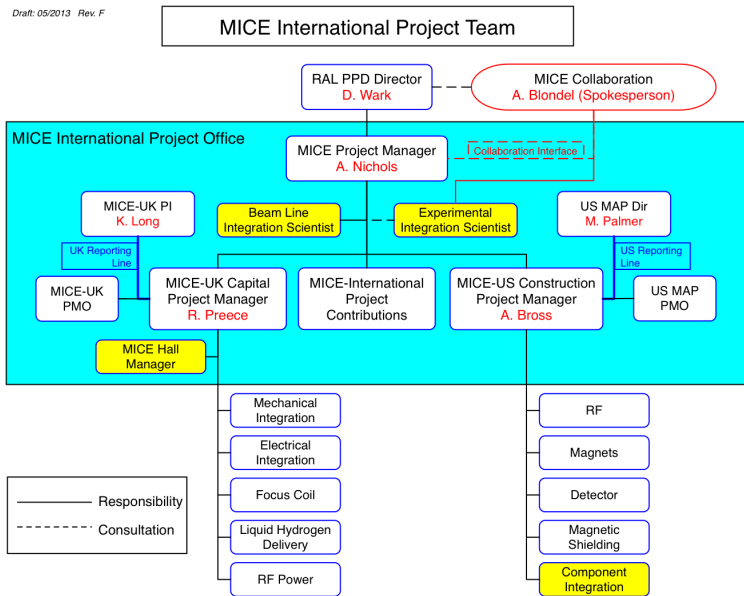
- Spokesperson's remarks – Alain Blondel and Executive Board report
- Project Manager's report – Andy Nichols
- UK approval/funding update – Ken Long and common fund
- Other funding updates
 - INFN – Vittorio Palladino
 - Switzerland – Alain Blondel
 - US DOE (MAP) – Mark Palmer
 - US NSF – Gail Hanson
- Future collaboration meeting dates – Vittorio Palladino
- Author list for MICE papers – Alain Blondel
- Management team update – Torun
- Other business – All



- Magnets
 - SS2 complete, under mapping, due at RAL July
 - FC1 flip-mode current not up to spec ($\beta=42\text{cm}$ @ 200 MeV/c)
 - looking into higher- β solutions
 - FC2 performance may guide decision process
 - legal contract negotiations under way
 - CC1 at Fermilab for test, cryostat fabrication in progress
- Cosmic muons seen in EMR, on track for Fall 2013 run
- Schedule update from MIPO
 - Step VI \rightarrow 2019
 - Step V possible 2018
 - Step IV 2015-2016 (2014 w/o field?)
- Magnetic field mitigation still looming large
 - cm35 baseline was no-PRY (partial return yoke)
 - driven by step IV run before long ISIS shutdown (Aug 2014)
 - decision on return yokes for Step IV in Sep 2013 for review

Project Manager's Report – Nichols

- Reviews and such
 - Meeting marathon in May
 - RSLR (Resource Loaded Schedule Review)
 - MPB (MICE Project Board)
 - FAC (Funding Agency Committee)
 - All went well, endorsing current course
 - with long list of actions and recommendations
 - Endorsed creation of MIPO
 - MICE International Project Office
 - Separation of construction from operations/experiment
 - Draft terms of reference under review
 - Field mitigation review: committee to meet 2nd half of Sep
 - Next round of MPB, FAC, UK OsC Fall
- Effort under way to fill key posts by Fall
 - Hall manager, integration physicist
- Schedule: no major changes, much activity this year, coordination challenge
 - EMR run, SS2 and FC2 move, TIARA installation, amplifier testing at DL, DS PSU and QP upgrade, R9 conversion



- UK – Long
 - No major changes, some relief at the margins
 - 2013-2014 common fund census under review
- Elsewhere
 - INFN – Palladino
 - next round due soon, results to be announced by Sep 2013
 - will be tough given rate of progress
 - Switzerland – Blondel
 - OK in general, concern about replacing Ruslan
 - SS mapping covered through contract with CERN
 - US DOE – Palmer
 - 33% increase in MAP budget expected over next 2 years
 - most to be channeled to MICE construction
 - US NSF – Hanson
 - current exp'tal-HEP grant ends Aug 2013 (out of funds)
 - new proposal submitted Nov 2012 – UC Riverside, U Miss, New Hampshire, IIT, U Chicago, U Iowa
 - not funded, \$230k to support current junior staff for 1 year
 - new accelerator R&D category, proposals due Nov
 - DOE-MAP to take up the slack in the meantime

Future collaboration meetings – Palladino

- cm37
 - Space reserved at RAL week of Nov 4, 2013
 - cm on Nov 6-8 to link to reviews the week after
 - software worksho/technical meetings Nov 4-5?
- cm38
 - Considering LBNL Feb/Mar 2014
 - D. Li to report back
- cm39: RAL
- cm40: Oct 2014?
 - D. Orestano willing to host in Rome
 - May want to go to RAL instead



Author list for MICE papers

- Collaboration charter and MoU are general
- Specific set of rules in discussion with Editorial Board
- Proposal (A. Blondel) under review

Author list of MICE papers

Alain Blondel, 20 May 2013, rev. 2 June 2013

The heads of institutes are responsible for providing the list of the people in their institutes who should sign the papers, following the following guidelines:

Normally

1. Everyone who was member of the MICE collaboration and was listed on the common fund tally during part or all of the time period concerned by the paper (from one year before the data taking until the date of submission of the paper for publication).
2. PhD students who contributed to MICE during the same period.

NB: For the emittance paper data were taken in December 2009 onwards
For the PID paper the data were taken in December 2011

Exceptionally

Anyone who has contributed in an important way to the specific topic and apparatus involved in the paper in question, regardless of the common fund contribution. This can include physicists, engineers or, very very exceptionally, summer students.

The Heads of institutes should use their judgment for the exceptional cases above and make a specific proposal of a few lines addressed to the chair of the collaboration board (presently torun@it.edu) with copy to the spokesperson (presently alain.blondel@cern.ch) and his/her deputy (presently alan.bross@fnal.gov).



Appointments

- Current terms ending for
 - Spokesmouse – before cm36
 - CB chair (non-renewable) – cm37
- Search committee formed according to constitution
 - Maurizio Bonesini (continental Europe)
 - John Cobb (UK)
 - Gail Hanson (US)
 - Yoshi Kuno (Japan)
 - YT – CB chair
- Send your comments to committee
 - by Jul 1 for spokesmouse
 - by Jul 15 for CB chair

