

## ***MICE presentations to recent conferences&meetings, Sofia Oct 2010***

Since the previous MICE status report, issued in April 2010, they have been

### **IPAC 2010, Kyoto, Japan May 24-28, First International Particle Accelerator Conference**

“Wedge absorber design approaches & simulations for MICE”, Poster P. Snopok  
“The MICE Muon Beamline Optimisation and Emittance Generation” Poster M. Apollonio  
“Progress on the MICE RF System” Poster A. Moss  
“The MICE PID Detector System” Poster M. Rayner  
“Analysis of emittance reduction in MICE” Poster M. Rayner  
“Particle Production in the MICE beam line” Poster L. Coney  
“Progress on MICE Spectrometer Solenoids” Poster S. Virostek  
“MICE Liquid Hydrogen Absorber” Poster S. Ishimoto  
“Status of MICE” Poster A. Alekou  
“Status of the MICE Tracker System” Poster H. Sakamoto  
“The MICE Muon Beam: Status and Progress” Poster A. Dobbs  
“The MICE Target” Poster P. Hodgson  
“MICE Target Operation and Monitoring” Poster P. Hodgson  
“Rectangular Box Cavity Tests in Magnetic Field for Muon Cooling” Poster Y. Torun  
“Normal Conducting RF Cavity R&D for MICE” Poster D. Li  
“Lessons from the MICE Spectrometer Solenoid” Poster M. Green

### **ITPRD, Siena, Italy, May,12th Topical Seminar on Innovative Particle and Radiation Detectors**

“MICE Tracker” Talk, P. Kyberd  
“MICE PID” Poster, M. Bogomilov

### **Neutrino 2010, 14-20 Jun Athens, Greece, 24th International Conference On Neutrino Physics And Astrophysics**

"Status of MICE" Poster, A. Bross  
“MICE Step I” Poster, L. Coney  
“MICE Step II-VI” Poster, P. Snopok

### **ICHEP 2010 35th International Conference On High Energy Physics, 21-28 Jul, Paris, France**

"Status of MICE" Poster Y. Karadzhov  
“MICE Cooling Measurements” Poster V. Verguilov  
“MICE PID” Poster M. Bonesini

### **LINAC 2010 25th International Linear Accelerator Conference, 12-17 Sep, Tsukuba, Japan**

"Status of MICE" Poster M. Popovic

### **The NExT Phase in Particle Physics, inaugural meeting of the NExT Institute, University of Sussex on 23-24 September**

"Goals and Status of MICE, the International Muon Ionization, Cooling Experiment", Talk H. Nebrenski

## ***MICE presentations to recent conferences & meetings, RAL Feb 2011***

Since the previous summary at CM28, Sofia, Oct 2010

NuFact10, 11<sup>th</sup> Workshop on Neutrino Factory, Betabeam,, Superabeam, Mumbai 20-25 Sep

**Plenary Talk, Mice overview-Status and facility, Y. Torun**

**WG3 Talk Design of the MICE muon beam line; M. Apollonio**

**WG3 Talk Analysis of the performance of the MICE muon beam line M. Rayner**

NNN10 ,11th International Workshop on Next generation Nucleon Decay and Neutrino Detectors, Toyama International Conference Center in Toyama, Japan  
December 13 - 16, 2010

**poster “Status and Goals of MICE” accepted  
No brave mouse stepped up!**

**WIN2011 31 Jan - 5 Feb 2011; 23rd WEAK INTERACTIONS AND NEUTRINOS WORKSHOP, Graduate School of Business, University of Cape Town; South Africa**

**“Goals and Status of MICE” Talk, JS Graulich**

**unofficially ..... our official talk ....**

**SB session and a lot of care of JS’s**

**Moriond Electroweak 13-20 March 2011; Rencontres de Moriond, EW Interactions and Unified Theories, La Thuile, Aosta valley, Italy**

**again invited to come back next year, no poster session**

**La Thuile 20-27 March 2011; QCD and High Energy Interactions, La Thuile, Aosta valley, Italy**

**only plenary by invitation, contacted, no answer !**

## ***Upcoming conferences and meetings***

**Neutrino Telescopes 15-18 March, 2011; Fourteenth Edition of the "Neutrino Telescopes" Workshop, Venice Italy**

**“Goals and Status of MICE” Poster, P. Hanlet**

**our next best official poster ... last in September**

**SB session soon**

**PAC 2011, BNL, March 28-April 1, US Particle Accelerator Conference,  
<http://www.bnl.gov/pac11/>**

ID: 3098 Progress on MICE RFCC Module, Poster D. Li, referee W. Lau

ID: 2813 Particle Tracking and Beam Matching Through the New Variable

Thickness MICE Diffuser, Poster V. Blackmore, referee D. Summers

ID: 2816 Particle Rate in MICE Muon Beamline and Induced Host Accelerator

Beam Loss, Poster *A. Dobbs*, Referee L. Cremaldi

ID: 2828 A Comparison of Steps 3 and 4 in the Muon Ionisation Cooling

Experiment (MICE), Poster T. Carlisle, Referee D. Kaplan

ID: 2820 A Preliminary Phase Space Data Analysis of the MICE Stage 1 Beam Line

Poster *M. Rayner*, referee J. Cobb

ID: 2845 Particle Production in the MICE Beamline, Poster L. Coney, Referee L. Tortora

ID: 2814 Construction Status and Testing Plans of the MICE Focus Coils, Poster *C.*

*Tunnell*, Referee K. Long

ID: 2666 Wedge Absorber Design and Simulation for MICE Step IV, Poster P. Snopok,

Referee A. Blondel

ID: 2825 Muon Ionization Cooling Experiment: Controls and Monitoring, Poster P.

Hanlet, Referee JS Graulich

ID: 2832 Stability of the MICE Muon Beam Line, Poster S. Blot, Referee R. Tsenov

ID: 2847 Measurement of Neutral Particle Contamination in the MICE Muon Beam, Poster

R. Fletcher, Referee G. Hansen

ID: 2823 The MICE Beam Line Commissioning, Poster M. Apollonio, Referee C. Booth

ID: 2822 Beam Particle Weighting using Approximate Voronoi Diagrams Poster *D.*

*Adey*, Referee C. Rogers

ID: 2821 Tracking of the MICE Muon Beam using Scintillating Fibre Trackers, Poster

*D. Adey*, Referee A. Bross

ID: 2809 Fabrication, Testing and Modeling of the MICE Superconducting Spectrometer

Solenoids, Poster S. Virostek, Referee M. Zisman

ID: 2818 The MICE Target, Poster P. Smith, referees T. Roberts

**REFEREES should make sure to have the draft in time !!! writeups due Mar 23 !!!!!**

**2011 April APS meeting 30 Apr - 3 May, April APS meeting, Anaheim California**

**“Goals and Status of MICE” 12’ Talk, P. Snopok**

**SB session soon**

EuCARD 2<sup>nd</sup> Annual Meeting, Paris 10-13 May **MICE as a Eu facility**  
"Measurement of beam emittance with particle physics detector" talk granted  
**suggestions collected, L. Coney accepted**

## ***Approaching DEADLINES !!!!!!!!!!!***

**DIPAC 2011, 10th European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators, Hamburg, May 16th -18th, 2011 <http://dipac2011.desy.de/>**  
"Goals and Status of MICE" abstract submitted by me, **if approved mouse to be found**  
POMPOMs: Cost-Efficient Polarity Sensors for the MICE Muon Beamline, submitted by J.J. Nebrensky , P. Hanlet  
**Replies being waited, registration opens April 1, writeups due May 11**

**Technology and Instrumentation in Particle Physics 2011 (TIPP 2011) , Chicago June 9-14, 2011**  
**<http://conferences.fnal.gov/tipp11/index.html>**

**Abstract Submission deadline: April 1, 2011**

**2011 Europhysics Conference on High-Energy Physics (EPS-HEP 2011), Grenoble 21-27 July**  
**Abstract submission opens Mar 1**

**IPAC 2011, S. Sebastian, Spain September 4-9, 2<sup>nd</sup> International Particle Accelerator Conference, [www.ipac-2011.org](http://www.ipac-2011.org)**  
**Registration open since Feb 11, submission deadline April 13, write-ups due Aug 31**

*Status of MICE" Poster, Talk?*  
*Target*  
*Beam*  
*Particle Production*  
*Beam Losses*  
*PID Detector System and Subsystems*  
*Diffuser*  
*Tracker System"*  
*Spectrometer Solenoids*  
*Solid Absorbers Liquid Hydrogen Absorber*  
*Wedge Absorber*  
*RF System*  
*RF Cavity*  
*Coupling Coils*  
*RFCC Module*

*Controls and Monitoring*

*Step 1 Phase Space Analysis*

*Other analysis*

*Analysis Techniques, Strategy, Weighting*

*Steps 4, 5, 6*

**NuFact11, 12<sup>th</sup> Workshop on Neutrino Factory, Betabeam,, Superbeam, Geneva 1-6 August, **setting up****

**13th ICATPP Conference on Astroparticle, Particle, Space Physics and Detectors for Physics Applications, Experimental particle physics, detection of astrophysical sources and cosmic rays as tools for probing the contents of the Universe**

**(Villa Olmo, Como 3-7 October 2011)**

**abstract submission for Oral Presentation is July 1, 2011, for Posters is September 2, 2011**

**What is being forgotten?**