

Management

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H2020-MSCA-RISE-2015 – Grant Agreement N° 690835

Scientific Board Meeting
24 October 2016

Summary from General Meeting

Pisa, Italy, Wednesday 9/28/2016 – Friday 9/30/2016

✓ **Very exhaustive overview of the Muse activities**

- 9 presentations on Mu2e
- 10 presentations on Muon (g-2)
- 2 presentations on Transfer of Knowledge
- 2 presentations on Outreach, including a summary of the Summer Students at Fermilab Program 2016

✓ **Very interesting Trainings**

- Writing for the General Public
- Application of SiPM in Positron Emission Tomography
- Medical Image Processing using Brain Emulation
- University of Pisa Nuclear Engineering Group Activities (possible future collaboration on Mu2e)

✓ **Very interesting Seminars**

- The Mu2e Experiment at Fermilab (D. Glenzinski)
- The Muon (g-2) Experiment (F. Bedeschi)

Trainings are fundamental

Training is a fundamental aspect of H2020: one of the main goals is the improvement of individual skills for research and industry personnel

Secondment are considered as training of personnel. Take this into account when drafting your research declaration

We have organized specific training courses during General Meetings

This might not be enough: participation to **extra training activities is welcome.** This will be a relevant criteria for the evaluation of the project at the 'Midterm Review' (i.e. the project financing), foreseen in first half of 2017

We should **take advantage from any other available source:**

- ✓ Training courses from home institute
- ✓ Training courses @ FNAL (software tools, management...)
- ✓ Webinars
- ✓ Synergies with other EU projects?

Networking: 2016 activities

- Neutron irradiation tests
 - ❖ Mu2e EMC SiPMs irradiation test @ HZDR (HZDR-INFN)
 - ❖ Mu2e EMC crystals irradiation test @ HOTNES, ENEA, Frascati (INFN-PRISMA)
 - ❖ **2017 irradiation program should include also HPGe monitor**
- PA/QA PRISMA → INFN
- Laser calibration system: g-2 → Mu2e (meeting @ FNAL, Aug 2016)
- HW/SW engineering:
 - ❖ **PRISMA→INFN (2016 program completed)**
 - ❖ **PRISMA→UCL/LIV (2016 program postponed, we should discuss this)**
- DAQ/SlowControl/CalibDB: UCL → INFN
- SiPM for medical applications:
 - ❖ INFN → HZDR training course
 - ❖ HZDR ↔ ADVANSID networking not started
- INFN-CAEN: discussion on WFD just started

Status INFN secondments: Jan-Dec 2016

Including also secondments already scheduled up to the end of the year

	Mu2e	g-2	All
Planned months	36	28	64
Started months	31	25	56
Fraction	86%	89%	88%
Planned days	1080	840	1920
Actual days	785	521	1306
Fraction	73%	62%	68%

An update on the status of Secondments for all Institutions may be useful

2016 Milestones & Deliverables

Number	WP	Name	Lead Beneficiary	Due date	Status
MS8	7	Management structure in place	INFN	31 Jan 2016	Completed
D7.3	7	MUSE web site	INFN	31 May 2016	Submitted
D5.1	5	MUSE @ HZDR Open Day	HZDR	30 Sep 2016	Completed
D7.4	7	First MUSE General Meeting	INFN	30 Sep 2016	
D3.1	3	g-2 laser calibration system	INFN	31 Oct 2016	
D2.1	2	Calorimeter TDR	INFN	31 Dec 2016	
MS6	4	New release of the g-2 software	UCL	31 Dec 2016	
D4.2	4	g-2 full muon simulation	UCL	31 Dec 2016	
D7.1	7	First Progress Report	INFN	31 Dec 2016	

Conclusions

- Very successful First General Meeting in September 2016 in Pisa
- Significant progress of the MUSE activities in 2016
 - Large fraction of planned 2016 Secondments started/completed
 - 4 Deliverables/1 Milestones due by the end of 2016
- Mu2e Collaboration meeting at Fermilab, Tuesday 10/20/2016 – Saturday 10/22/2016, we are all curious to hear the news from today's speakers
- We have had a new Project Officer since September 2016
- The Mid Term Review is going to take place in Frascati in May 2017