

# MUSE

**report and news**

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MUSE MB meeting  
24 May 2018

# Agenda

1. Approval of minutes: MB meeting, 25 January 2018
2. Updated list of secondments for PR2
3. Status of 2018 Milestones and Deliverables
4. Status of secondments
5. MUSE General Meeting
6. PR1 Payment
7. A.o.b.

# Minutes from MB meeting, 25 Jan 2018

Available on the MUSE web site:

[http://muse.lnf.infn.it/wp-content/uploads/2018/01/minutes\\_mb\\_jan2018.pdf](http://muse.lnf.infn.it/wp-content/uploads/2018/01/minutes_mb_jan2018.pdf)

If you should have any additions or corrections, please do not hesitate to send them to me

# Updated list of secondments for PR2

Requested by the Project Officer just after the submission of PR1 documents.

The new list has to group travels of the same person from the same home institution to the same hosting organization regardless of:

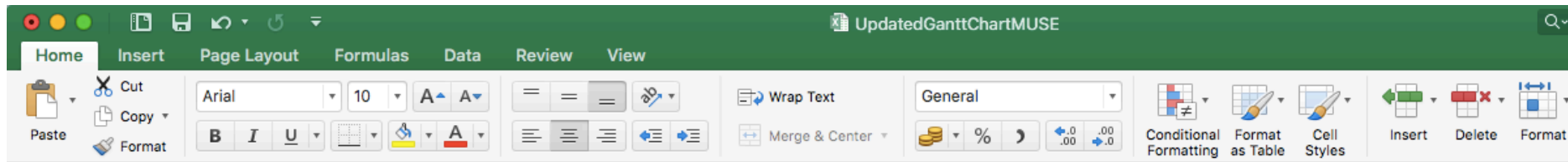
- different Work Packages
- different category (ER, ESR...)

New list prepared and submitted to the PO, available at:

<http://muse.inf.infn.it/wp-content/uploads/2018/05/UpdatedGanttChartMUSE.xlsx>

The total number of p.m. for each beneficiary is unchanged with respect to the planning of the Grant Agreement. Some internal reshuffling for most of the beneficiaries

# Updated list of secondments for PR2



	A	B	C	D	E	F	G	H	I	J	K	L	M
	FellowId	Category	Sending Partner	Sending Country	Sending Country Group	Sending Sector Academic	Seconded to Partner	Seconded to Country	Seconded Country Group	Starting Month	Duration (p.m.)	p.m. done in PR1	p.m. foreseen in PR2
1													
2	2	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	5	2	3
3	3	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	2	0,3	1,7
4	4	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	5	2	3
5	5	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	5	2	3
6	6	ESR/ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	11	3	8
7	7	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	5	1,3	3,7
8	8	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	5	1,3	3,7
9	9	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	5	1,3	3,7
10	10	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	12	5,5	6,5
11	11	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	11	5,5	5,5
12	11	ER	INFN	IT	EU/AC	Yes	PRISMA	EL	EU/AC	8	1	0,5	0,5
13	12	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	12	5	7
14	14	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	2	4	1,3	2,7
15	14	ER	INFN	IT	EU/AC	Yes	PRISMA	EL	EU/AC	7	1	0,5	0,5
16	17	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	5	3	2,5	0,5
17	18	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	3	5	3	2
18	19	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	3	12	12	0
19	20	ER	INFN	IT	EU/AC	Yes	FRA	US	TC	3	5	3	2
20	21	ER	INFN	IT	EU/AC	Yes	FRA						
21	24	ER	INFN	IT	EU/AC	Yes	FRA						
22	29	ER	INFN	IT	EU/AC	Yes	FRA						
23	30	ER	INFN	IT	EU/AC	Yes	FRA						
24	31	ESR/ER	INFN	IT	EU/AC	Yes	FRA						
25	32	TECH	INFN	IT	EU/AC	Yes	FRA						
26	33	TECH	INFN	IT	EU/AC	Yes	FRA						
											Sum		In GA
												245	245
												51	51
												40	40
												24	24
												22	22
												2	2
												1	1
												<b>385</b>	<b>385</b>

# 2018 Milestones and Deliverables

Number	WP	Name	Lead Beneficiary	Due date	Status
<b>MS4</b>	<b>3</b>	<b>Mu2e laser assembled</b>	<b>INFN</b>	<b>30 Jun 2018</b>	<b>Completed</b>
MS5	3	Muon g-2 calibration commissioned	UCL	31 Dec 2018	
<b>D2.3</b>	<b>2</b>	<b>Mu2e HPGe design</b>	<b>LIVERPOOL</b>	<b>31 Mar 2018</b>	<b>Submitted</b>
<b>D5.3</b>	<b>5</b>	<b>Masterclasses</b>	<b>LIVERPOOL</b>	<b>30 Apr 2018</b>	<b>Submitted</b>
<b>D4.1</b>	<b>4</b>	<b>Mu2e code</b>	<b>INFN</b>	<b>31 Aug 2018</b>	
<b>D7.6</b>	<b>7</b>	<b>3<sup>rd</sup> MUSE General Meeting</b>	<b>INFN</b>	<b>30 Sep 2018</b>	
D6.1	6	Irradiation tests	INFN	31 Nov 2018	
D6.2	6	SiPM characterization	HZDR	31 Dec 2018	
D2.2	2	Production DB	INFN	31 Dec 2018	
D7.2	7	Second Progress Report	INFN	31 Dec 2018	

# Status of secondments: Jan 2016 - Apr 2018

Institution	Scheduled in GA (Months)	Fraction (days)	Last update
ADVANSID	1	--	
CAEN	2	40%	Up to date
HZDR	18	20%	Up to date
INFN	147	84%	~ Up to date
LIVERPOOL	44	64%	Feb 2018
PRISMA	10	60%	Up to date
UCL	29	67%	Up to date
<b>Total</b>	<b>251</b>	<b>74%</b>	

- ❖ CAEN secondment will be completed in June-July 2018
- ❖ Additional 1.6 months HZDR → FNAL in June-July 2018
- ❖ One PRISMA → INFN secondment will start in mid-June 2018

# 2018 General Meeting

This is the right year to make the GM at Fermilab:

- Muon (g-2) is taking data
- a lot of activities for QA tests of the Mu2e calorimeter components

Deliverable “3<sup>rd</sup> MUSE General Meeting” due by September 30<sup>th</sup>

September is a good period: we have enough time to organize the meeting and could provide a large audience due to:

- Mu2e CM: 17-20 September
- Muon (g-2) shutdown: July → end September ?

2017 GM format:

- ½ day MB+SB
- ½ day training session
- 1.5 days review of MUSE activities
- ½ day + ½ day outreach

This year, the GM can be squeezed in 2 days + outreach



# PR1 Payment

- First Periodic Report (PR1) submitted on 24 April after suspension letter asking for:
  1. Updated Gantt Chart of secondments for PR1 and PR2
  2. Explanation for non-completion of the planned secondments
  3. Merging of Researcher Declarations on EU PP for different WPs and positions
  
- Earned contribution:        **€ 706 500**        **accepted by EC**  
Interim Payment:            **€ 433 125**        max. payment allowed reached  
**IP paid on 15 May 2018**
  
- Funds arrived to INFN, ready to be distributed as soon as bank account details from all beneficiaries will be confirmed

# PR1 Payment

Pre-financing Payment		
	Budget	Fractions
Total Budget	€ 1.732.500,00	
Pre Financing Fraction		0,65
Pre Financing	€ 1.126.125,00	
Guarantee Fraction		0,05
Guarantee	€ 86.625,00	
First Payment Fraction		0,6
First Payment	€ 1.039.500,00	
<b>BENEFICIARY</b>	<b>Total budget</b>	<b>First payment</b>
INFN	€ 1.102.500,00	€ 661.500,00
HZDR	€ 108.000,00	€ 64.800,00
UCL	€ 180.000,00	€ 108.000,00
LIVERPOOL	€ 229.500,00	€ 137.700,00
PRISMA	€ 99.000,00	€ 59.400,00
CAEN	€ 9.000,00	€ 5.400,00
ADVANSID	€ 4.500,00	€ 2.700,00
<b>TOTAL</b>	<b>€ 1.732.500,00</b>	<b>€ 1.039.500,00</b>

Interim Payment			
	Budget	Fractions	
Earned after PR1	€ 706.500,00		
Max. fraction allowed		0,9 of Total Budget	
Max. payment allowed	€ 1.559.250,00		
Already paid	€ 1.126.125,00	First Payment + GF	
Second Payment	€ 433.125,00	Max-Paid	
PR1 Paid Fraction		0,613057325	
<b>BENEFICIARY</b>	<b>Earned @ PR1</b>	<b>Second payment</b>	<b>Rounded</b>
INFN	€ 464.400,00	€ 284.703,82	€ 284.700
HZDR	€ 16.050,00	€ 9.839,57	€ 9.800
UCL	€ 76.050,00	€ 46.623,01	€ 46.600
LIVERPOOL	€ 119.100,00	€ 73.015,13	€ 73.000
PRISMA	€ 27.300,00	€ 16.736,46	€ 16.700
CAEN	€ 3.600,00	€ 2.207,01	€ 2.200
ADVANSID	€ -	€ -	€ -
<b>TOTAL</b>	<b>€ 706.500,00</b>	<b>€ 433.125,00</b>	<b>€ 433.000,00</b>

**A.o.b.**

Anything else to be discussed?

Next MB meeting: July 2018