News!

- Payment of next instalment still to be made

  (pending revision of cost statement by certain partners)
- Next report (36 month) will happen February 2012
- General Assembly at Rome airport, Nov 8-9 2011
- Next NMI3 Newsletter imminent (article about the muon JRA!)
- New JRA will start Feb 2012

  (launch meeting provisionally 12-13 March 2012 at ILL)
- Existing JRA runs until Feb 2013

Existing JRA

Deliverables required for EU Report – 2/2012

Technologies for High Field Instruments

- D20.2.1.2 (Report summarising detector performance): 2/12
  Subsumed with D20.2.2.1 – complete

Novel resonance techniques and simulation codes

- D20.4.1.1 (Simultaneous RF excitation): 5/11
  Experimental work complete: reporting delayed until 12/11

Muon Beamline control and Modelling

- D20.5.3.1 (NeXus definition for ISIS and PSI): 11/11
  Commitment to deliver a detailed NeXus Instrument Definition for ISIS and PSI …

Deliverables required for end JRA – 2/2013

Technologies for High Field Instruments

complete 2/2012

μSR at High Pressures (solids and gases)

- D20.3.1.1 (Low background pressure cell >2.5GPa): 7/12
- D20.3.1.2 (Report on cell performance, inc. experiments): 11/12
- D20.3.2.1 (50bar gas pressure cell working with HiFi): 7/12
- D20.3.2.2 (Report on cell performance, inc. experiments): 11/12

Novel resonance techniques and simulation codes

- D20.4.3.2 (coding of simulation for analysis): Q2, 2012

Muon Beamline control and Modelling

complete 2/2012

New JRA (NMI3/FP7-2)

Proposed work

Muon work now associated with two JRAs:

Muons

- *Software Development for Muon Data Analysis*
  - Software routines for High Field analysis
  - Integration of simulation codes with analysis
- *Concept Studies for Future Muon Sources*
  - Muon micro-beam and muons at the ESS
- *Detector Technologies for Pulsed Muon Sources*
  - Technology transfer - APD detector array at ISIS

Outreach

- *Website and publicity material for High Field μSR*
- *Workshops on Functional Materials and Soft Matter*

Deliverables in first 18 months (Muon)

Software Development for Muon Data Analysis

Routines for efficient analysis of high field experiments

- D17.1.1.1 (Document outlining specification of software routines) *due 9/2012*

Routines to link simulation with analysis codes

- D17.1.2.1 (Document considering integration of simulation codes) *due 7/2013*

Detector technologies for Pulsed Muon Sources

Design document for APD detector

- M17.3.1.1 (Visit by ISIS staff to PSI): *due 1/2013*
- D17.3.1.2 (Design document for a prototype APD detector): *due 7/2013*

Deliverables in first 18 months (Outreach)

Developing the Muon User Community

- D2.3.1 (Establish a website describing high field developments at PSI and ISIS): *due 5/2012*
- D2.3.2 (Publicity material describing potential applications of high field μSR): *due 9/2012*
- Workshops due at M18 and M30

Finance

Muons (WP17)											
Acronym (1)	Staff effort allocated to project (man months)	OWN	Staff effort charged to project (man months)	Staff cost	Consumables	Travel	overhead rate	Overhead Costs (3)	Total	%	EU contribution
STFC	48	12	36	110500	25000	20000	105%	116025	271525	75%	203644
PSI	48	12	36	150500	5000	20000	47%	82485	257985	75%	193489
TOTALS	96	24	72	261000	30000	40000		198510	529510	75%	397133

Outreach (WP2)													
Acronym (1)	Title	Justification	Staff effort allocated to project (man months)	Staff effort charged to project (man months)	Staff cost	Consumables	Travel	eligible Overhead rate	real Overhead rate	Indirect cost	Total	%	EU contribution
PSI	Muon facility coordinator	Muon community networking	6	4	13000	15000	13500	7%	47%	2,905	44405	100%	44,405

Feedback?