

# WP2 Dissemination & Outreach

## WP4 NaMES - Schools

Inês Crespo Information Manager

NMI3-II General Assembly, Copenhagen 2015

# WP2

- Task 2.1 Internet portal as internal and external communication tool
- Task 2.2 Scientific and public outreach
- Task 2.3 Developing the Muon user community

#### WP4

- Task 4.1 Regular exchange of information
- Tasks 4.2-15 Schools

TATS

#### **News and Media**

#### nmi3.eu

CA12

~2700 visitors per month

1

#### Videos







#### e-newsletter



#### **Beyond nmi3.eu**

#### **Neutron News**



TATE









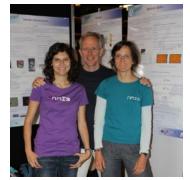


#### **Notiziario**

#### **Events**









Linked in. 🗗 📴 🛗 WIKIPEDIA CORDISWIR® 🗥 OCC HORIZON

#### **Reaching the media**



in different languagestaken by international sites

- A taste of what's to come? Flavour-changing gum gives disease early warning, *Horizon*
- Muons help understand mechanism behind hydrogen storage
  - Copied from CORDIS to http://fuelcellsworks.com/
  - Linked at http://www.renewanews.com/

TATE

- Neutrons help visualising materials, *Phys.org* including our video
- Europe readying world's brightest neutron beam, *Horizon*
- High-tech solution for tackling brain disease, CORDIS News -> in 3 different languages
  - Taken by *Physics.org*, *FP7 Ireland*, *FP7 Welcome Europe* blog, several "news aggregator" in Italian, French, Greek, Polish, Lithuanian, etc, and linked on *The European Brain Council's Weekly Ext. Env. Update*.
- Training Europe's future scientists in atomic scale research, CORDIS News

#### Neutronsources.org

~1300 visitors per month

TATE

50 contributors

4 PR meetings



Neutron centres Resources Calendar

	1												Octo	ber	2015	5						
	3	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
ANSTO																						
BNC	I																					
FLNP IBR-2	I																					
FRM II	E																					
HZB	I																					
ILL	I																					
JCNS	Γ																					
LANSCE																						
LANSCE - Lu	I																					
LLB	I																					
MLZ	E	_							_						_							
NCNR	I																					
ORNL-HFIR																						
ORNL-SNS																						
PSI-SINQ	ſ																					

#### Job openings

#### Jobs RSS

In this page you can find the latest job openings in the neutron centres worldwide as well as direct links to the institutions' job webpages. We collect many of the posts from the <u>neutron mailing list</u>. If there is a vacancy in your facility, don't hesitate to send us the call at 🖂 <u>news@neutronsources.org</u>. You may use the template provided below

13. October 2015 - University of Maryland, College Park

Faculty Assistant

Engineer - Neutron Optics

07. October 2015 - Helmholtz Zentrum Berlin für Materialien und Energie (HZB)

Triple Axis Spectrometer FLEXX - Instrument Scientist

Triple Axis Spectrometer FLEXX - Instrument Scientist

Your entry into the neutron world



This website aims to provide information about neutron facilities and neutron research worldwide.

#### Get in touch

If you are from a neutron facility and would like to send your latest highlights please email us at E3 news@neutronsources.org.

#### Mailing list

To be informed of neutron-related activities and developments please subscribe to the neutron sources <u>mailing ks</u>.

9







About

Brand new opportunity for international Post-Docs at STEC and Diamond

STFC and Diamond Light Source are offering 36 positions to post-doctoral researchers over the next five years as part of the brand new Rutherford International Fellowship Programme.

» read more

From NeutronSources

>>

The birth of time-of-flight neutron powder diffraction at pulsed sources



There is a new article on our History section. You can now learn about the birth of time-of-flight neutron powder diffraction at pulsied sources by Izabela M. Sosnowska.

» read more



The Early History of Neutron Stress Measurements

Fifty years of neutron diffraction: the advent of neutron scattering

On fifty years of the neutron discovery - special issue

### **ENSA Brochure**

TAIE



#### Neutrons for science and technology





# Muons Outreach

#### Developing the Muon User Community was an important part of our work

#### Focus was on High Field µSR, an area of facility development

TATE



#### What we've done ...

### Publicising the High Field facilities at PSI and ISIS ...

#### A Website...

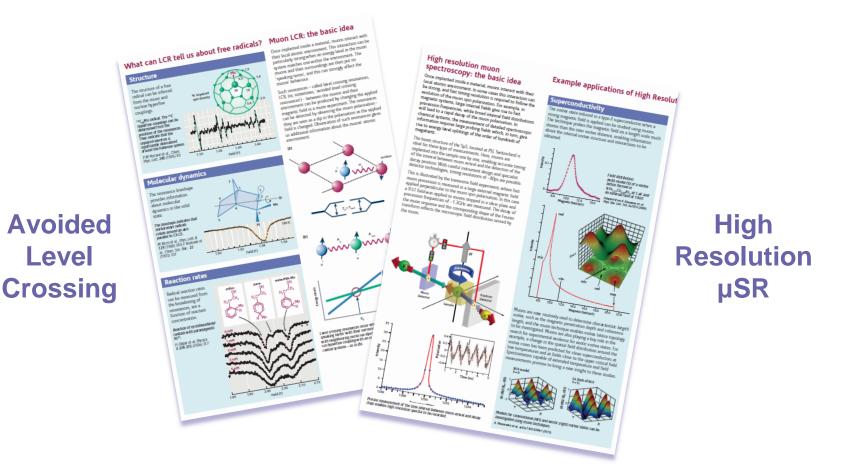
TAIS

Making scientists aware of the facilities, and applications of High Field µSR

Http://nmi3.eu/about-nmi3/joint-research-activities/muon	n/o D + B C × = Outreach - Muons - Joint R ×								
	Outreach								
JOINT RESEARCH ACTIVITIES	µSR in High Magnetic Fields								
▶ Neutron Optics	Facilities for High Field µSR in Europe								
Deuteration									
Polarised Neutrons	Europe is fortunate in having two muon source the full range of µSR spectroscopic methods. T								
Muons	magnetism, superconductivity and spin and ch								
▶ JRA-I final report	analogue to probe semiconductors and proton								
▶ 2011 update	condensed matter physics, offering chemists a								
▶ Tasks	kinetics while enabling the study of organic ra								
Partners	structure of the <u>Sus</u> , located at the <u>Paul S</u>								
Meetings	applications where high timing resolution is e depolarisation. In contrast, the pulsed nature								
Publications	Facilities Council in the UK, enables low backg								
Outreach	enabling the effect of beam synchronous stim								
Archive	investigated. For both facilities, the developm for providing the user community with the too								
▶ Interview									
▹ Sample Environment	Further Information								
Detectors – NMI3–I									
» Detectors – NMI3–II									
▶ Imaging	Making use of High Magnetic Fields								
Fools for Soft and Bio-Materials	The availability of high magnetic fields is adva								
Previous projects	become accessible to the scientist:								
	Knight shift								
	Studied by applying a field perpendicular to th								
News > Events > Login > Search	field at the muon site, the muon Knight shift is								
	and the Lorentz field. This quantity, similar to								

#### Publicity material ... applications of High Field µSR

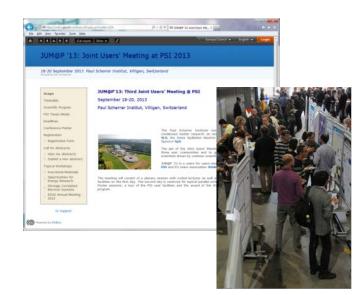
TAIS



#### **Themed Science Workshops ...**

#### **Function Materials**

TATE



Held at PSI (part of JUM@P '13) September 2013

# **Soft Matter, Excitations and Muon Induced Perturbations**



Held at Queen Mary University of London, September 2015

Hosted by Alan Drew, ERC grant holder developing laser stimulated  $\mu$ SR at ISIS

### **Developing** <u>muonsources.org</u> ...

- A Portal for Scientists Using Muon Techniques
- A companion website to neutronsouces.org

nais



### Watch our page on the NMI3 website...

#### http://nmi3.eu ...

CAIS



where we are posting project news and results

#### Deliverables

nais

				7		EN/		
D2.1	Newsletter summarizing the work in progress	3	8.00	0	PU	$\checkmark$	6	+ Neutronsource + Muonsources.c
D2.2	Newsletter summarizing the work in progress	3	8.00	0	PU	~	18	The e-newsletter
D2.3	Newsletter summarizing the work in progress	3	8.00	0	PU	√	30	<ul> <li>is sent out</li> <li>more frequently</li> </ul>
D2.4	Newsletter summarizing the work in progress	3	8.00	0	PU		42	
D2.5	New Internet portal finished	3	15.00	0	PU	~	24	
D2.6	Advertising material for conferences and journal advertising	3	4.00	0	PU	$\checkmark$	36	
D2.7	Evaluation of possible presentations on conferences, workshops	2	1.00	R	PU	$\checkmark$	6	
D2.8	Brochure for target group 1	2	1.00	0	PU	$\checkmark$	16	N.B. Beneficiary is 3
D2.9	Report on outreach activities	2	1.00	R	PU	$\checkmark$	12	
D2.10	Report on outreach activities	2	1.00	R	PU	$\checkmark$	24	
D2.11	Report on outreach activities	2	1.00	R	PU	√	36	
D2.12	Report on outreach activities	2	1.00	R	PU		48	
D2.13	High field developments website	5	1.00	0	PU	$\checkmark$	4	
D2.14	High field publicity material	5	1.00	0	PU	√	8	
D2.15	Workshop on aspects of Functional Materials	5	2.00	R	PU	~	18	
D2.16	Workshop on aspects of Soft Matter	5	2.00	R	PU	$\checkmark$	30	

rces.org es.org



# WP4 NaMES

# **Neutron and Muon European Schools**

#### WP4: NaMES

- NaMES Brochure (2012)
- 15 supported schools

TATS

- 2012: 11 schools (447 students)
- 2013: 10 schools (372 students)
- 2014: 10 schools
- Evaluation from Advisory Committee 2013: schools are broadly successful
- Schools directors meetings: GA 2013, GA 2014
- Synergies with e-learning WP3 and materials provided



HERCULES February						
HZB	February					
Muon	March					
CETS	May					
ICMA	May					
Bombannes	June					
SISN	June/July					
PSI	August					
JDN	September					
JCNS	September					
Oxford	September					
HZG	October					
BSANS	October					
Fullprof	November					
Fan du LLB	December					



## U3.Eimn



### Thank you!

Inês Crespo, Information Manager

info@nmi3.eu