

**NMi3 3rd General Assembly, November 2011**  
 Sample Environment Meeting  
 Tuesday, November 8<sup>th</sup>, 2011  
 Courtyard Marriott Rome Airport Hotel, Meeting room 3

<b>Monday 7th November</b>		
<b>20:00</b>	Sample Environment Attendee dinner at <a href="#">Ristorante De La Ville</a>	
<b>Tuesday 8<sup>th</sup> November</b>		
<b>09:00 – 09:00</b>	Meeting commences	
<b>09:15 - 09h20</b>	Introduction speech	Zoë Bowden
<b>09:20 – 10:30</b>	<p>10 minute proposals/talks each followed by a 10 minute discussion:</p> <ul style="list-style-type: none"> <li>• Robotics: what can we really expect from this? for which type of instruments? for which p, T, B, etc. conditions? does anyone know the +700-sample system built at J-PARC? how to identify the samples?</li> <li>• Hydrogen valves, seals and intensifiers</li> <li>• What about a common portal where we would share know-how, tips and tricks, algorithms, drawings? To help each other and simplify the life of users using similar equipment (of course whenever possible).</li> <li>• A Possible substitution (e.g. ADR's) to 3He based refrigerators to counteract the upcoming problem of 3He shortage. A bar.litre of 3He costs 900\$ to SNS/HFIR and 4000\$ to NIST and others! What about the shortage of 4He? It is becoming really difficult to get LHe in the US. What will happen in Europe?</li> </ul>	<p>Eddy Lelievre-Berna to nominate</p> <p>Chris Goodway/ Mark Kibble</p> <p>Eddy Lelievre-Berna to nominate</p> <p>Jürgen Peters</p>

10:30 – 11:00	Morning break	
11:00 – 12:30	<p>10 minute proposals/talks each followed by a 10 minute discussion:</p> <ul style="list-style-type: none"> <li>• Plug'n play equipment: can we adopt an equipment description file format that allows to set up automatically the electronics whichever and wherever they are?</li> <li>• How can we boost - in terms of speed - the equipment? Which one and how?</li> <li>• Helium Recovery</li> <li>• Can we share developments and adopt common designs? for example can we gather the great ideas from the facilities to design a state-of-the-art humidity chamber, a pressure cell for liquids or a bank of cuvettes that are thermalised, rotated and illuminated individually</li> </ul>	<p>Eddy Lelievre-Berna to nominate</p> <p>Eddy Lelievre-Berna to nominate</p> <p>Richard Down</p> <p>Eddy Lelievre-Berna to nominate</p>
12:30 - 14:00	Lunch	
14:00 – 15:30	JRA Progress (10 minutes each) from each of the tasks/areas	<p>Dirk Wallacher Eddy Lelièvre-Berna Jürgen Peters Oleg Kirichuk Jean-Michel Mignot</p>
15:30 – 16:00	Afternoon break	
16:00 – 17:30	<p>News round up:</p> <p>Next JRA FP8 Open Meetings:</p> <ul style="list-style-type: none"> <li>• Abingdon JRA meeting</li> <li>• Advanced Seminar on "Perspectives for Neutron Science in Novel &amp; Extreme conditions" - Zaragoza, Spain, 27<sup>th</sup> – 31<sup>st</sup> May 2012</li> <li>• ICANS 2012 - Bariloche, Argentina, 4<sup>th</sup> – 9<sup>th</sup> March 2012</li> <li>• 7th International Sample Environment at Neutron Scattering Facilities (SE@NSF) Workshop – Sydney, Australia, 17<sup>th</sup> – 20<sup>th</sup> September 2012</li> </ul>	