



# Historical Materials BAG Meeting Programme

ESRF, Grenoble, France

ESRF auditorium



## Monday 5<sup>th</sup> December 2022

<b>08:30 – 08:50</b>	<b>Registration in ESRF entrance hall</b>	
<b>08:50 – 09:00</b>	<b>Welcome &amp; opening remarks by the RSs : M. Cotte (ESRF), V. Gonzalez (CNRS PPSM), F. Vanmeert (U. Antwerp), L. Monico (CNR SCITEC)</b>	
<b>09:00 – 09:10</b>	<b>Presentation of the BAG by the RSs</b>	
09:10 – 09:30	Determining the composition of industrial-age lead white using microscopic and macroscopic X-Ray Diffraction	<b>Iryn Bijker</b> , <i>University of Antwerp</i>
09:30 – 09:50	Unveiling the origin of the black degradation on the passepartout of Leonardo's Codex Atlanticus	<b>Marta Ghirardello</b> , <i>POLIMI</i>
09:50 – 10:10	Micro-scale distribution of lead(II) formates in Rembrandt's Night Watch and model paintings	<b>Ida Fazlic</b> , <i>ESRF Grenoble, France</i>
<b>10:10 – 10:40</b>	<b>Coffee break</b>	
10:40 – 11:00	Shedding Light on the Factors Triggering the Degradation Path of Green Copper and Arsenic-based Paints: a focus on XRD measurements	<b>Sara Carboni Marri</b> , <i>University of Perugia</i>
11:00 - 11:20	Studies of red lead and its natural and artificial degradation	<b>Maria Amelia Suzuki</b> , <i>CNR ISPC</i>
11:20 – 11:40	Determination of the firing temperature of so-called 'Saint-Porchaire' ceramics (XVIIth century)	<b>Alexandra Dumazet</b> , <i>IRCP-PCMTH</i>
11:40 – 12:00	Neural networks for rapid phase quantification of Cultural Heritage big X-ray powder diffraction data	<b>Victor Poline</b> , <i>CNRS/UGA UPR2940</i>
<b>12:00 – 13:30</b>	<b>Lunch upstairs at the EPN campus restaurant (tables reserved)</b>	
13:30 – 13:50	Presentation of beamline ID22	<b>Catherine Dejoie</b> , <i>ESRF</i>
13:50 – 14:10	Presentation of beamline ID13	<b>Manfred Burghamer</b> , <i>ESRF</i>
14:10 – 14:30	Presentation of beamline ID21	<b>Marine Cotte</b> , <i>ESRF</i>
14:30 – 14:50	Presentation of beamline BM18	<b>Vincent Fernandez</b> , <i>ESRF</i>
14:50 – 15:10	Presentation of beamline ID24/BM23	<b>Olivier Mathon</b> , <i>ESRF</i>
<b>15:10 – 15:40</b>	<b>Coffee break</b>	
15:40 - 17:20	Discussion - Round table with the RSs : Assessment after 1 year of BAG Feedback, extension, outreach, MSCA doctoral network	
17:20 – 17:30	Closing remarks by the RSs	
<b>19:00</b>	<b>Dinner at EPN campus restaurant</b>	

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STREAMLINE

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## Tuesday 6<sup>th</sup> December 2022

**09:30 – 12:10**    **Training session: Gilles Wallez, (CNRS IRCP PCMTH)**  
Rietveld refinement using the Fullprof software

**12:10 – 13:30**    **Lunch upstairs at the EPN campus restaurant (tables reserved)**

**13:30 – 18:00**    **Continuation of training session: Gilles Wallez, (CNRS IRCP PCMTH)**  
Rietveld refinement using the Fullprof software