

# FUNCTIONAL MATERIALS for Cultural Heritage (Fun4Heritage)

The Workshop will be held at the conference hall of “University campus” UniBAS @Matera in Via Lanera, 20.

**5<sup>th</sup> September 2019**

13.00/ 15.00	Participants registration	
15.00/16.00	Opening ceremony with official greetings  <i>Opening speech</i> - M. Muccini (ISMN-CNR)	

**16.00-18.30 1<sup>st</sup> Session**

	Topic	Relator
16.00/17.00	<i>Plenary lecture 1</i>  “New methods and materials for the conservation of modern and contemporary art”	Piero Baglioni University of Florence
<b>17.00/17.30 Coffee Break</b>		
17.30/18.30	<i>Oral Session #1</i> O1. Advantages of controlled antibiotics release nanosystems for diagnostic, restoration and conservation of Cultural Heritage  O2. New approaches based on nanostructured materials for the sustainable conservation of metal works of art and concrete monuments  O3. A lightweight cement-free alkali-activated slag plaster for the restoration of poor quality masonry structures	A. Vassallo (Univ. Basilicata)  G. Di Carlo (ISMN-CNR)  L. Coppola (Univ. Bergamo)
<b>20.00 Social Dinner @MH Hotel</b>		

## 6<sup>th</sup> September 2019

8.30/9.00	Participants registration	
<b>9.00-12.30 2<sup>nd</sup> Session</b>		
9.00/10.00	<p><i>Plenary lecture 2</i></p> <p>“Sol-gel-technique: a versatile approach to create functional coatings”</p>	Torsten Textor Reutlingen University
10.00/11.00	<p><i>Oral session #2</i></p> <p>O4. Application of microscopy to the diagnosis of the degradation level of stones used for historical buildings.</p> <p>O5. Synthesis, characterization and antimicrobial activities of new NHC Ag(I) and Au(I) complexes for cultural heritage conservation</p> <p>O6. Geopolymer production for conservation-restoration using Sicilian raw materials: feasibility studies</p>	<p>Z. Adamski (Univ. Poznańskiego)</p> <p>A. Mariconda (Univ. Basilicata)</p> <p>A. Coccato (Univ. Catania)</p>
<b>11.00/11.30 Coffee Break</b>		
11.30/12.30	<p><i>Oral session #3</i></p> <p>O7. The role of flax fibres in the cultural heritage field</p> <p>O8. Sicilian raw materials for the industrial production of geopolymers</p> <p>O9. Gold-nanoparticles grafting for potential architectural and Cultural Heritage applications.</p>	<p>P. Fusco Girard (Marzotto Group)</p> <p>F. Leonetti (EdilPonti, Gela))</p> <p>I. Ielo (ISMN-CNR)</p>
<b>12.30/15.30 Lunch &amp; Poster Session</b>		
15.30/16.30	<p><i>Closing speech</i> – S. A. Bufo (Univ. Basilicata)</p> <p>Closing Remarks and “Fun4Heritage 2019 Best Poster Awards”</p>	
<b>16.30/17.00 Coffee Break</b>		