



Lucida Lab Milano

Digital Technology in Conservation

A new laboratory in Milan, established through the collaboration of *Factum Foundation* and *Open Care – Servizi per l'arte*

Milano, October 2014 - **Lucida Lab Milano**, a laboratory specialized in digital technology in conservation, has been launched thanks to the collaboration of the **Factum Foundation**, based in Madrid, which is dedicated to the use of high-resolution recording and other advances in digital technology in conservation and **Open Care**, of Milan, which offers services to those involved with and who have custody of works of art. The laboratory has been installed within the Open Care building and is equipped with a high-resolution **Lucida 3D scanner**. This innovative scanner, designed and developed by artist and engineer Manuel Franquelo in collaboration with Factum Foundation, allows high-resolution digitalization of the surface of works of art, such as paintings, low reliefs and textiles, in a non-contact process. Lucida is the most advanced system for investigating through scanning the material nature of works of art - and it can be used even with surfaces which are very dark, shiny or reflective - something that cannot be achieved by other systems, which concentrate more on shape and volume.

The 3D data generated by the *Lucida* can be processed and stored in various easily readable formats and can be shared for research and communication purposes creating a significant advantage in **verification of authenticity, monitoring of the conservation state, and in condition reporting for a work of art before, during and after a transportation or restoration**. It is also possible to create a digital archive through the use of the data produced by Lucida, which, integrated into a diagnostic profile, can then create a complete and specific **identity card** of the work of art.

The Lucida, whose operation is entirely non-contact, has already been used in many important conservation, scientific and educational projects, working together with some of the most important international institutions such as the Museo del Prado in Madrid, the National Gallery and the Courtauld Institute in London, the Hereford Cathedral in Hereford (UK), the Pinacoteca Vaticana in Rome and many others.

Factum Foundation and *Open Care* aim to provide an opportunity to get to know and understand the Lucida scanner through dedicated workshops arranged at the *Lucida Lab Milan* for those working with the conservation of Heritage works and for any institutions interested in the understanding of works of art.

Factum Foundation

Factum Foundation, based in Madrid since 2009, is dedicated to the use of high-resolution digital recording and exact facsimiles as part of a coherent approach to the preservation, understanding, monitoring and public exhibition of cultural heritage. www.factumfoundation.org

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Open Care - Servizi per l'arte

Open Care provides integrated services for the management, enhancement and conservation of works of art and precious objects, in premises that are equipped with the most innovative technologies and the support of handling, conservation, restoration and art consulting experts. Thanks to the cooperation with Lucida Lab Milano, Open Care's restoration workshops have a new important instrument to use in art conservation activities. www.opencare.it

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