



**FIRST Newsletter**  
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## **The Metropolitan Museum of Art Expands its Laboratory Capabilities with Bruker's Newest Addition to the Art Conservator's Mobile Lab**

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The Network Initiative for Conservation Science (NICS) is a new program established by The Met to support research at other museums in New York City. As many of these museums lack the scientific resources to perform in-depth chemical and elemental analysis, NICS will incorporate a Mobile Lab using some of Bruker's portable solutions to benefit all cultural heritage institutions in the city of New York.

In December 2017, The Met and Bruker announced a 10-year partnership to advance novel analytical technologies and methods in the field of cultural heritage science even further. This partnership builds upon and expands a long history of collaboration which has yielded considerable results and progress, including use of the [Bruker Art Conservator's Mobile Laboratory](#) which incorporates [handheld XRF](#), [handheld Raman](#) and [portable FT-IR](#) analyzers.

Through this partnership, The Met purchased an ELIO portable  $\mu$ -XRF, a new addition to Bruker's Mobile Analytical Solutions. This compact energy dispersive portable XRF spectrometer for reliable non-contact and non-destructive elemental analysis of valuable materials will bring new capabilities to help support NYC [conservation research science](#).

The ELIO's 1-mm laser-positioned analysis spot, internal camera, advanced mechanical design and innovative electronics, deliver high performance, accuracy and precision in the most demanding of applications.

The ELIO joins Mobile Solutions through Bruker's July 2017 acquisition of XGLab, a Politecnico di Milano spin-off, with unique X-ray detection technologies and XRF instruments for art and conservation materials.

The XGLab group is now part of Bruker's Nano Analytics division which provides other portable conservator products like the TRACER 5i, ARTAX and M6 JETSTREAM. An additional benefit of the acquisition is XGLab's expertise in art conservation and archaeology. In fact, Michele Gironda, XGLab's Director of Marketing, has been appointed as Bruker Nano Analytics division's Art and Conservation



Segment Manager. Michele will support sales, business development, applications and marketing for the Mobile Lab as well as stationary analyzers for conservation science such as the [M4 TORNADO](#).

The [ELIO](#) accelerates state-of-the-art in XRF analytical instrumentation with truly portable elemental map acquisition incorporating CUBE technology, accurate spot positioning and straightforward add-on hardware and software.

Learn more about these powerful, yet portable, analytical tools for art and conservation by downloading our [Mobile Analytical Solutions for Art Conservation and Archaeometry brochure](#) or



visiting our Preserving the World's Heritage webpage at [www.bruker.com/art-conservation](http://www.bruker.com/art-conservation).

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