



## The Practical IIF Project Presents: A Seminar on Image Registration

Discussing the methods, challenges and possibilities of Image Registration with an international panel of experts.

### About this event

One of the often emphasised benefits of IIF is its ability to facilitate seamless 'deep-zoom', allowing the user to hone in on the tiniest of details; however, that user's experience is entirely dependent upon the level of detail captured by the photographer, conservator, or technical imaging professional.

As our ability to capture higher resolution images and delve beyond the surface of the canvas has improved - allowing us to examine paint layers, explore under-drawing, and employ X-rays, infra-red spectroscopy, and multispectral imaging to understand the methods production and the subsequent histories of complex cultural heritage objects - so has our need to contextualise these samples, present them to our audiences, and use them for conservation and research.

Image Registration, simply put, is the process of aligning one image on top of another one, yet the process of doing so is remarkably complex. Arising out of the first Practical Applications of IIF Webinar (<https://tanc-ahrc.github.io/IIF-TNC/webinar01.html>), and a subsequent call as part of the IIF Museums Community Group in the beginning of May, it was decided that we needed a dedicated time to discuss not only how Image Registration is currently being employed across various sectors, but also share some recommendations and effective practices, as well as consider the ways in which Image Registration is evolving and how it may be accomplished in the future.

To this end, we've invited panellists to share their expertise in what we hope shall be a lively and informative conversation in which participants from the audience are encouraged to actively participate.

Confirmed panellists include: **Ryan Baumann** (Duke University), **Giles Bergel** (University of Oxford), **Andrew Bruce** (National Gallery, UK), **John Cupitt** (Imperial College London), **John Delaney** (National Gallery of Art, USA), **Joanne Dyer** (British Museum), **Rob Erdmann** (Rijksmuseum), **Adam Gibson** (UCL), **Catherine Higgitt** (National Gallery, UK), **Luca Carini** (V&A), **Maria Villafane** (Imperial College London), **Keats Webb** (Smithsonian Institution), **Charles Willard** (UCL).

Image credit: The National Gallery: Giovanni Bellini, A Portrait of a Dominican with the Attributes of Saint Peter Martyr, NG808. The image is a composite of the visible light, infrared and x-ray images.