APPEAR Resources:

News:
Reviving the Art of Ancient Egyptian Mummy Portraits in Cairo and the Faiyum: a curatorial, conservation and community collaboration (2021)
https://egyptiancoffins.org/news/mummyportraits

Manchester Museum’s First International Touring Exhibition - Golden Mummies of Egypt’

Unraveling the mysteries of ancient Egypt's spellbinding mummy portraits (April 2019)

https://www.getty.edu/about/whatwedo/getty_magazine/gettmag_fall18.pdf

Royal Ontario Museum Reunites Romano-Egyptian Mummy Portraits after more than 100 Years (February 2019)

Paint the Eyes Softer: Mummy Portraits from Roman Egypt, January 13-April 22, 2018
Alsdorf Gallery

Publications/ Blogs:

Smith College Museum of Art Conversations: Mummy Portrait (recorded on July 15, 2021)
https://www.youtube.com/watch?v=XTUE8kmgyZM

Faces of Roman Egypt: Google Arts and Culture (March 2021)
https://artsandculture.google.com/story/YQVRtpUvIK_TtA?hl=en

Science reveals secrets of a mummy's portrait, Paul Gabrielsen, University of Utah (Nov. 2020)

Depicting the dead: ancient Egyptian mummy portraits, C. Cartwright, The British Museum blog (October 2020)
https://blog.britishmuseum.org/de picting-the-dead-ancient-egyptian-mummy-portraits/

Portrait of a Child: Historical and Scientific Studies of a Roman Egyptian Mummy  
Northwestern University Press  
http://www.nupress.northwestern.edu/content/portrait-child

Egyptian Blue: The Mysterious Color in Mummy Portraits  
Rachel Sabino, November 27, 2019  
https://www.artic.edu/articles/782/egyptian-blue-the-mysterious-color-in-mummy-portraits

Gilding the Dead: Mummy Portraits in Roman Egypt (Art Institute of Chicago)  
Rachel Sabino, October 23, 2019  

Unraveling the Mysteries of Ancient Egypt’s Spellbinding Mummy Portraits  
By Alexxa Gotthardt, April 16, 2019  

Imperial fashion victims in provincial Egypt: re-dating Egyptian mummy portraits  
By Joy Kremler. National Gallery Victoria (June 2, 2014)  

Mummy Mysteries: International Science Project Uncovers Ancient Egyptian Secrets at the CMA  

J. Paul Getty audio post:  
http://blogs.getty.edu/iris/audio-marie-svoboda-on-egyptian-mummy-portraits/

Brooklyn Museum blogs:  
http://brooklynmuseum.tumblr.com/post/169073707582/over-a-year-ago-our-conservators-began-examining

http://brooklynmuseum.tumblr.com/post/164862170673/over-the-last-few-weeks-pre-program-conservation

Penn Blogs:  
http://www.penn.museum/sites/artifactlab/2016/02/02/appear-project-portable-x-ray-fluorescence-on-the-fayum-mummy-portraits/

Johns Hopkins Museum or Archaeology: http://archaeologicalmuseum.jhu.edu/the-collection/object-stories/roman-egyptian-mummy-portraits/


Walters Art Museum: 

Kunst Historisches Museum Wein:

Articles:  (1)Mumien-Porträts erlauben Blick ins alte Ägypten - Wissen - Süddeutsche.de
Mumienporträts: Antike Passbilder für die Reise ins Jenseits - Forschung Spezial - derStandard.at › Wissenschaft
Wüstenporträts in der Tiefenanalyse « DiePresse.com

Videos:

Painting of a Mummy Portrait – Fitzwilliam
https://youtu.be/5Ko6ZT5Kwx8

Other Resources:
Orbis: A Geospatial Network Model of the Roman World from Stanford University. A site that proposes how the Roman's traveled in antiquity and how long it would have taken them to bring materials across trade routes based on time and practicality. 

Past public conferences and research:

The 10th International Round Table on Polychromy in Ancient Sculpture and Architecture: Colour & Space Interfaces of Ancient Architecture and Sculpture. A virtual conference hosted by the German Archaeological Institute and Berlin Antikensammlung, November 10-13, 2020. 
https://www.10thpolychromyroundtable.com/

Encaustic, History, Technique and Research Conference 2017
Website where you can order a pdf of the proceedings.
http://www.nardinieditore.it/prodotto/encausto-storia-tecniche-e-ricerche/
Art technology and meaning of flesh tones in panel painting from 200-1250 in the Mediterranean area Conference 2017 included research on mummy portraits in German collections. The project was sponsored by the German Ministry for Education and Research (Bundesministerium für Bildung und Forschung). Papers published in an anthology (see: attachment with the table of content, the abstracts of the articles are in English) and in an exhibition in the internet:

https://www.google.com/culturalinstitute/beta/exhibit/pwLCmJkx_srLw?hl=de

“Close-up " Research at the Kunsthistorisches Museum (Vienna) Conference 2016
https://www.khm.at/erfahren/forschung/forschungskonferenz/

Interactive image viewers:

Interactive viewer exploring a mummy portrait from the Getty: 81.AP.29 - Mummy Portrait of a Young Woman. Six technical images.


Imaging methods:

1. Color visible image using a modified Nikon D90 camera with a Peca 916 filter and the Mini-CrimeScope** 400 unfiltered light source. Image for reference, not color corrected but aligned for overlay with other images.
2. 555 nm. Image capture at a narrowband pass, using a modified Nikon D90 camera with Peca 916 and a red filter, illuminated with the Mini-CrimeScope 400, filtered at 555 nm. Processed as a monochromatic image. The organic pigment on the tunic luminesces.
3. Infra-red reflected image (IR) using a modified Nikon D90 camera with a Peca 904 bandpass filter, illuminated with halogen light sources. Carbon black used for the hair, eyes, eyebrows and mouth are visible.
4. Infra-red false color image (FCIR) created by combining the visible and infrared images and rearranging the color channels in Adobe PhotoShop. The presence of indigo is represented as magenta, seen on the clavi and the folds of her tunic, pale yellow identifies the madder lake and the red iron based pigment appears a darker golden yellow.
5. Ultra-violet image using a Canon Rebel EOS and Peca 916 filter, illuminated by a Wildfire Long throw series UV light source at 365 nm. The pink tunic exhibits the typical orange/pink fluorescence characteristic of organic lake/madder. The necklace, earrings, whites of her eyes and sketch-like details on her face exhibit a bright fluorescence suggesting the use of a calcium based white.
6. X-ray, at 28 KV 6.25 mA 2.5 foc –2 minute exposure. There is no evidence for the use of a lead based pigment which would appear as white (opaque) details. Material identifications were corroborated through scientific analysis.
** Thanks to the UCLA/Getty conservation training program for the use and guidance in using
the Mini CrimeScope for imaging this mummy portrait and to the Los Angeles County Museum
of Art for imaging assistance.

Online, interactive viewers based on the figures from volume I of the Bosch Research and
Conservation Project’s Bosch Monograph. Discover Jheronimus (Hieronymus) Bosch's paintings
in intimate detail using a new synced viewer technology to reveal the paintings and what lies

Updated 09/21/2021