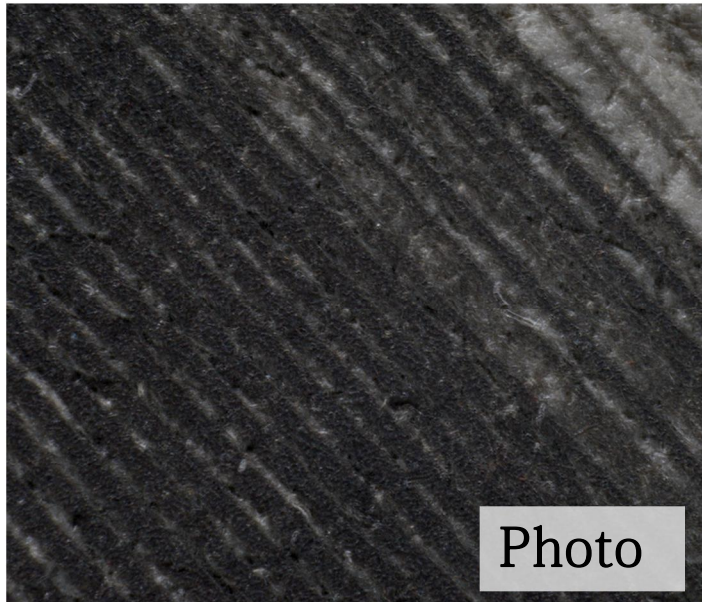
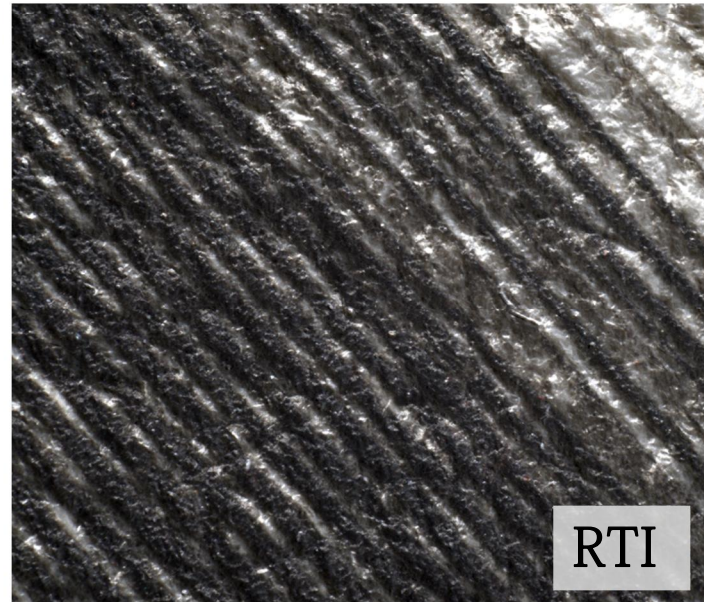


Onsite
Technical Examination Services
for
prints



Photo



RTI

v.1.2

Document printing technique



Nuremberg Chronicle, dated 1493.

Woodcut Macro RTI

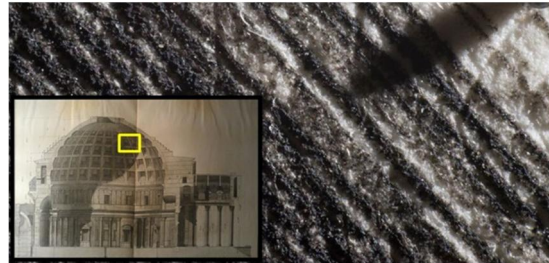
1. fibrous appearance of the rags paper.
2. lines show no regularity of width or direction.



Book of Hours, dated 1498.

Woodcut Macro RTI

1. edge rims.
2. lack of textile fibers in the parchment.



Pantheon in Rome, 1786.

Etching

1. raised ink
2. varying intensity of the lines.

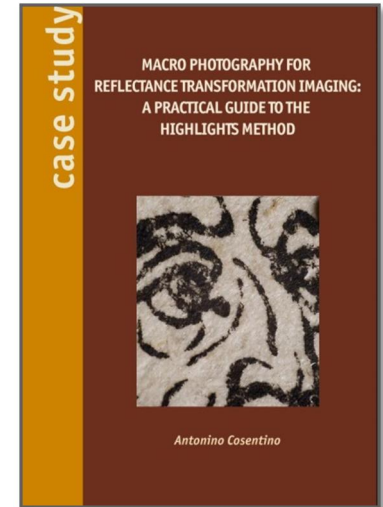


Portrait of C. G. Liljevalch, 1909.

Engraving. Macro RTI.

1. raised ink,
2. tapering and swelling lines.

“Macro Photography for Reflectance Transformation Imaging: A Practical Guide to the Highlights Method”



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Macro photography and RTI (Reflectance Transformation Imaging) allow to document the printing method.

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RTI (Reflectance Transformation Imaging)

[CLICK HERE](#)



Enhance reading of faded paints and inks

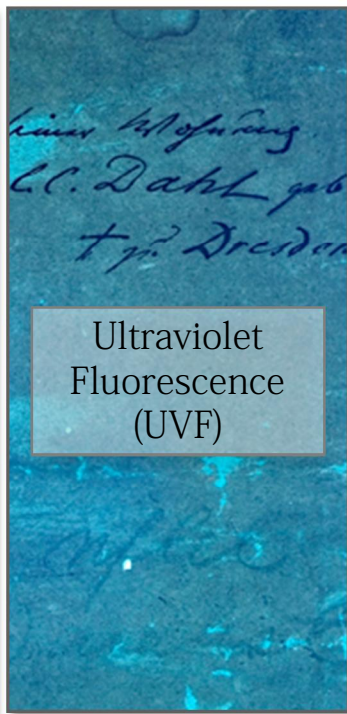
“Practical notes on ultraviolet technical photography for art examination”



[Click to download](#)



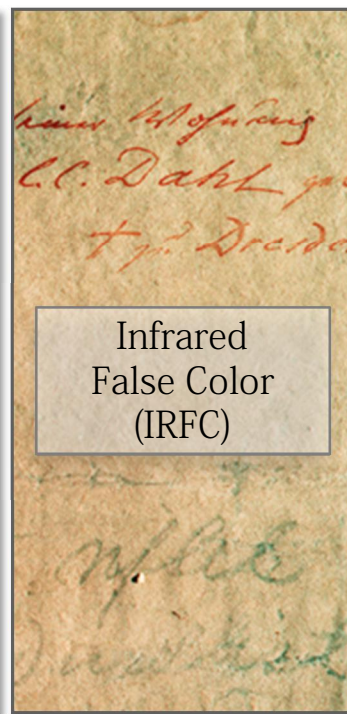
Photo



Ultraviolet Fluorescence (UVF)



Infrared (IR)



Infrared False Color (IRFC)



Photo



(UVF)

Technical Photography (TP) enhances reading of faded prints, inks, and paints.

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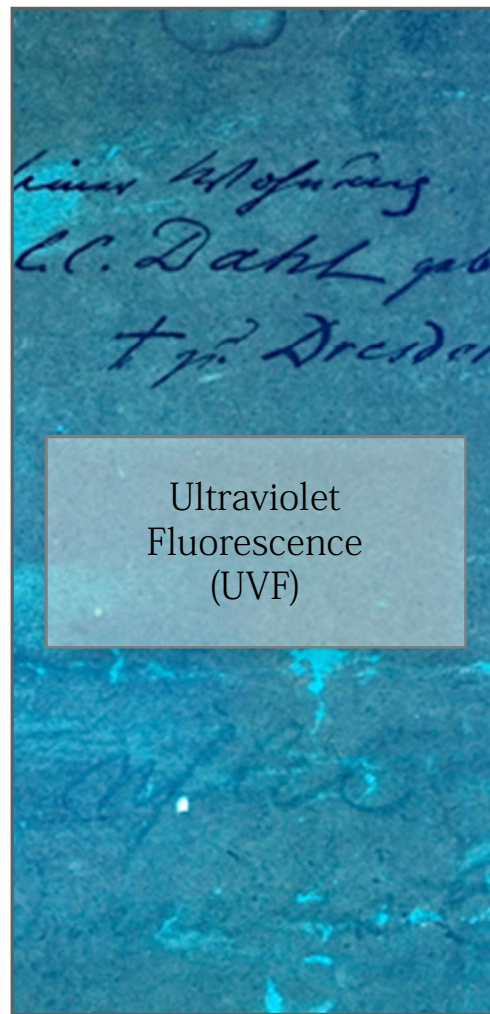
Mapping varnishes, glues, binders, repairs, and fungal growth

“Practical notes on ultraviolet technical photography for art examination”

Ultraviolet
Fluorescence
photography (UVF)
allows to map the
presence of organic
materials, repairs
and fungal growth
on paper.



Photo



Ultraviolet
Fluorescence
(UVF)



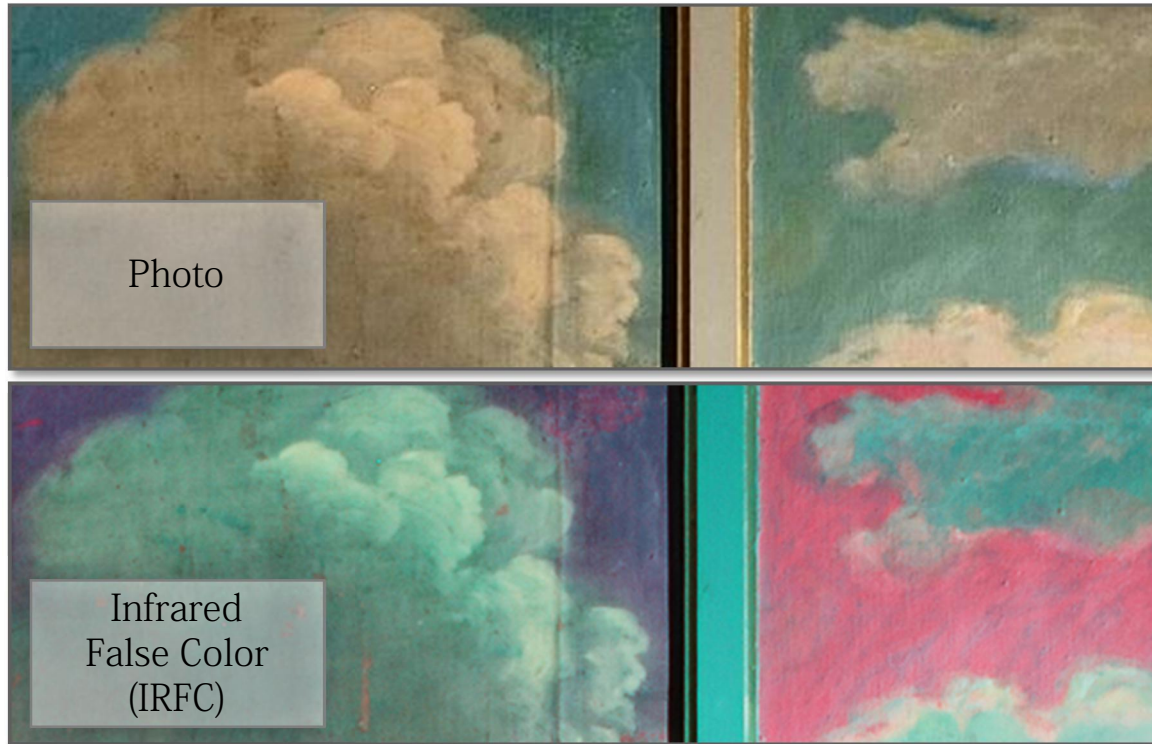
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Map retouches and inpaints



“Infrared Technical Photography for Art Examination”



[Click to download](#)

Often polychrome prints have been retouched over their history: a conservation intervention or a change made on purpose. Distinguish inpaints and alterations using Infrared False Color (IRFC).

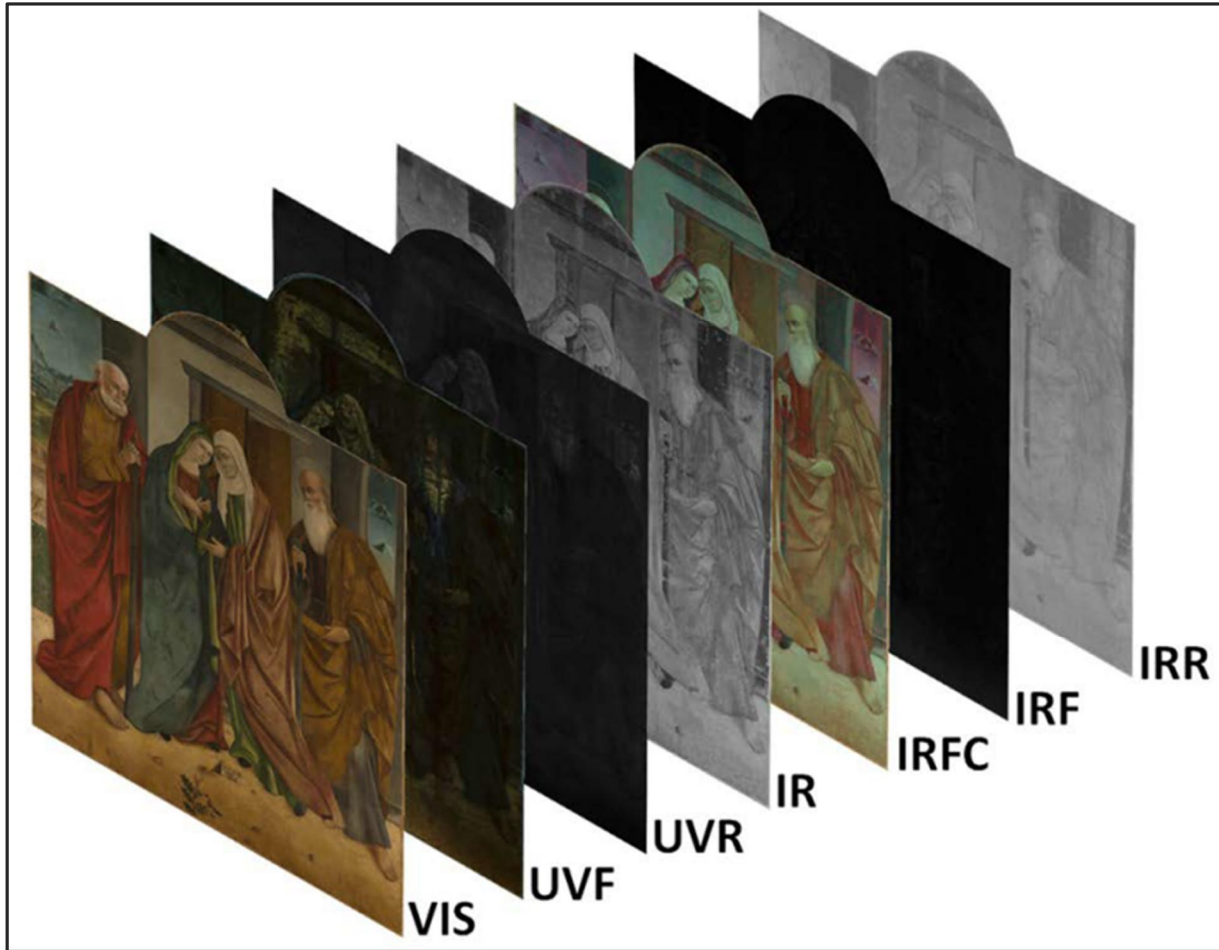
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Pigments Identification, 1

“Identification of pigments by multispectral imaging a flowchart method”



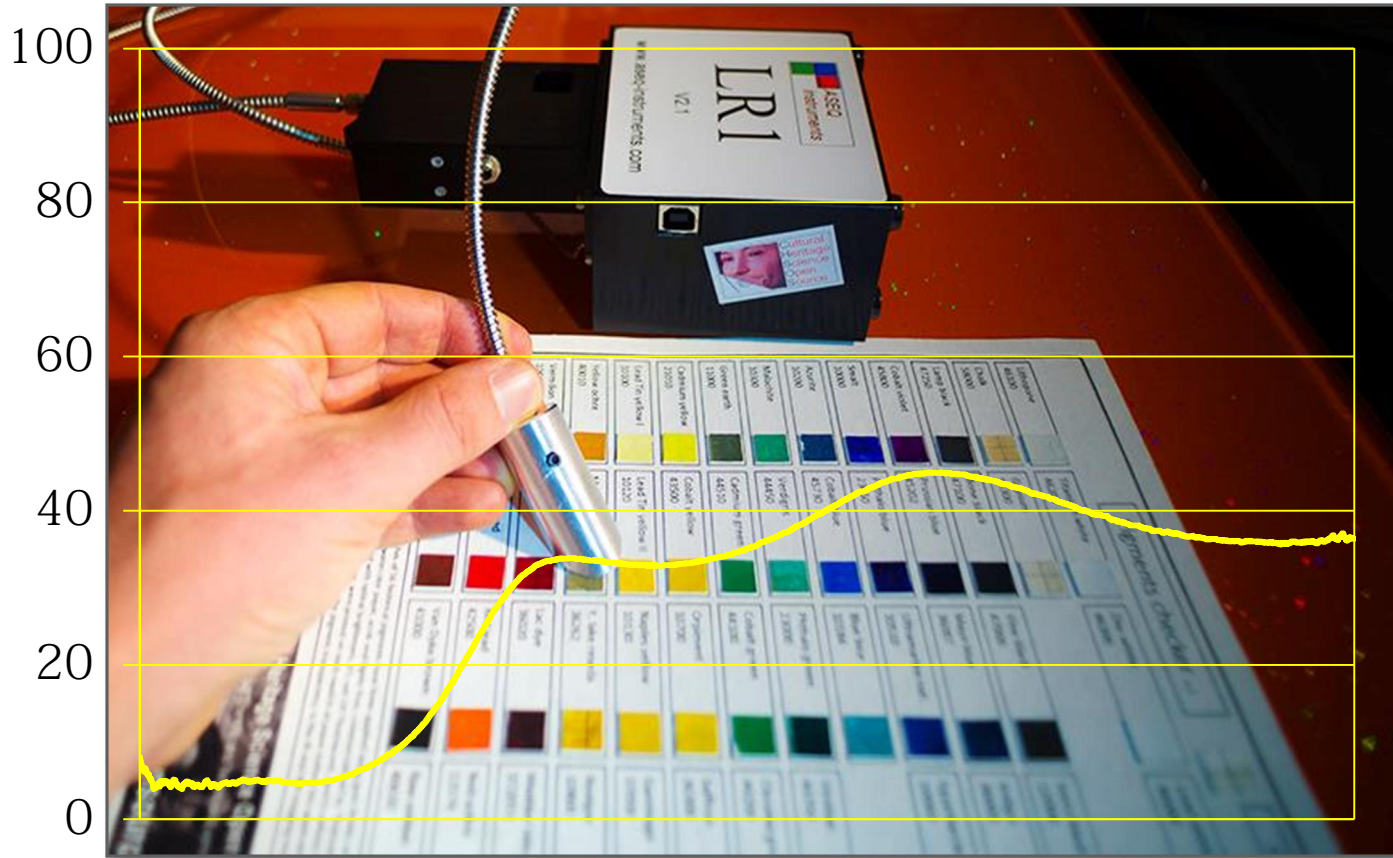
[Click to download](#)

A complete Technical Photography (TP) documentation allows a preliminary identification of pigments

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Pigments identification with onsite, non-invasive and non-destructive Reflectance Spectroscopy (RS).

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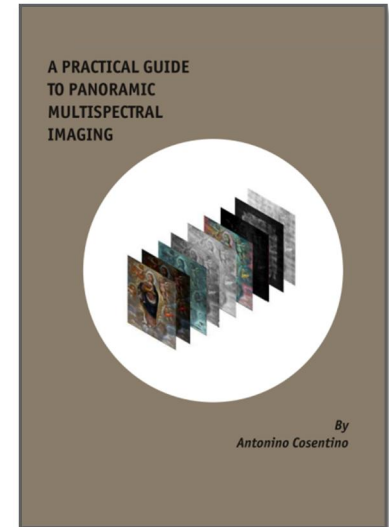
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High Resolution Photography



“A practical guide to Panoramic Multispectral Imaging”



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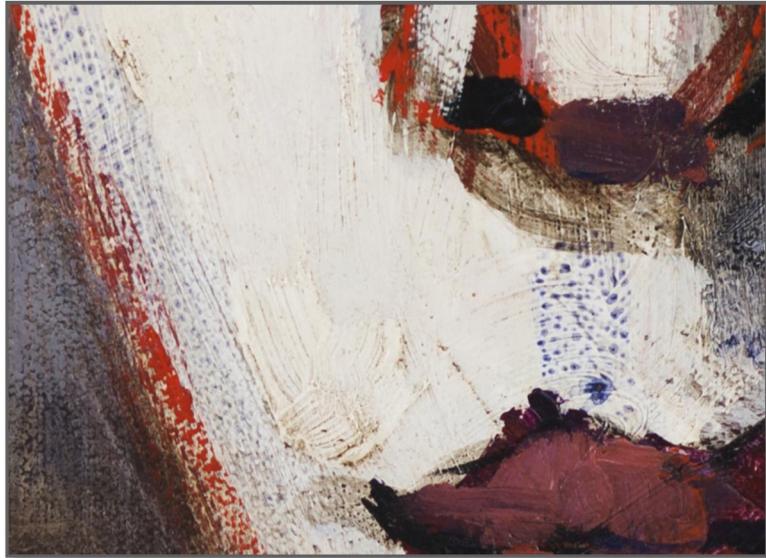
High resolution photographic documentation for study and printing

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Document peeling paint and losses



Photo



Raking light (RAK)

Raking Light photography to document peeling paint, losses and inpaints.

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Evaluate paper quality



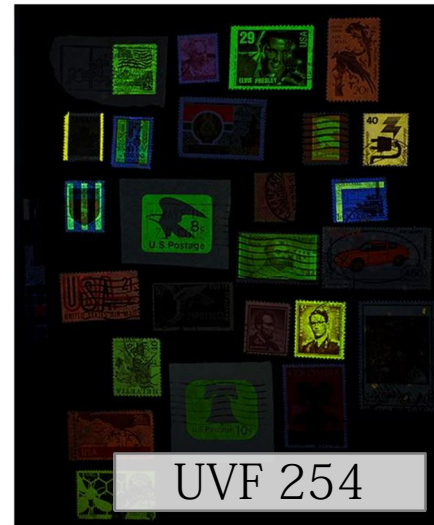
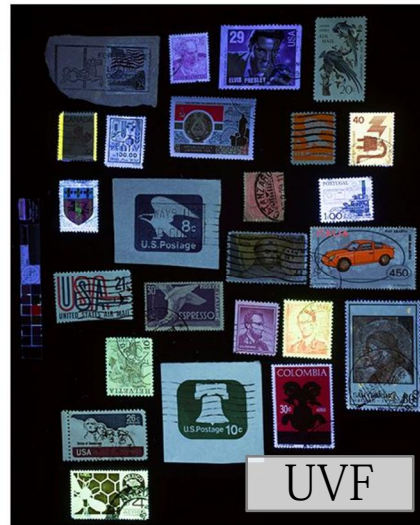
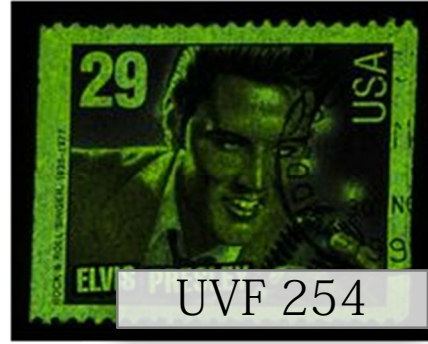
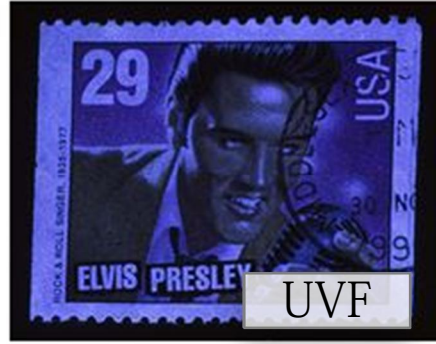
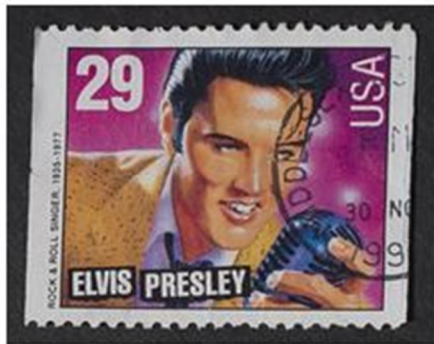
Onsite macroscopic photography documents the quality of the paper and the printing process

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UVF 254 nm



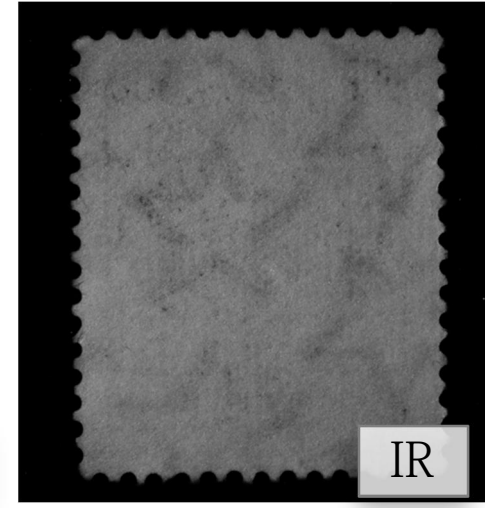
Phosphors coating is best viewed in shortwave ultraviolet light (254 nm).

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Watermarks



Ultraviolet Fluorescence photography (UVF), RTI and infrared photography (IR) are non-invasive methods that can enhance reading of watermarks.

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We travel with mobile equipment to provide art examination service to our clients at their location.



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Any questions?

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