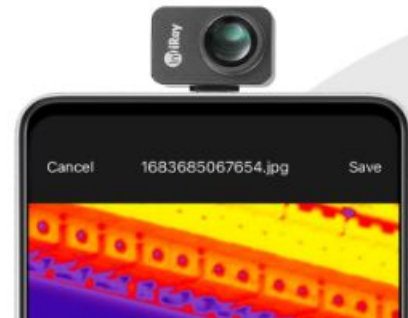


As Photonics has become popular,  
so popular Photonics will (can) help  
Cultural Heritage.



# What is “popular Photonics”?



**Photonics 4 Cultural Heritage**  
Cultural Heritage Mission, 10491 | 30 December 2023

Photonics Technologies meet Cultural Heritage & Arts

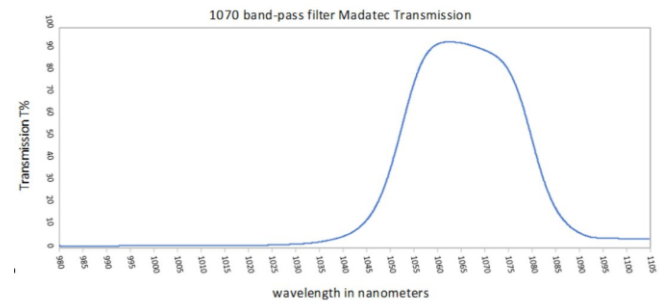
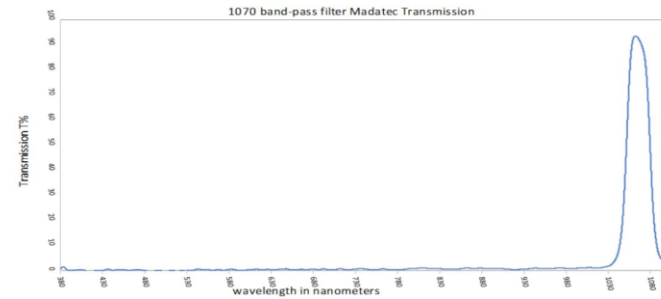
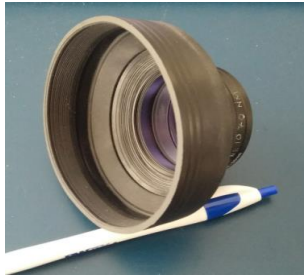
- Full-classification
- Inventory, study, digitization and more...
- Enriching Arts

**LE TECNOLOGIE FOTONICHE al servizio del settore dei beni culturali**  
*Photonics Empowering Cultural Heritage*



# Popular doesn't mean not precise!

e.g. Our narrow band filter at 1050-180 nm



Thanks to Marco Gargano UNIMI for the spectra

**Photonic Technologies meet Cultural Heritage & Arts**

Photonic Technologies meet Cultural Heritage & Arts

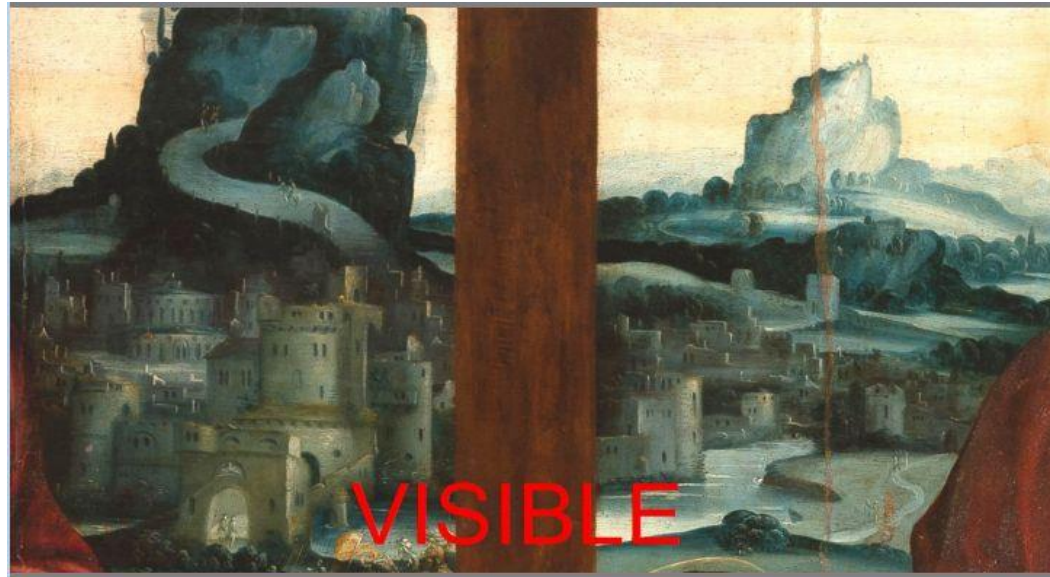
- Full class immersion
- Temporary study digitization and more...
- Enriching Arts

**LE TECNOLOGIE FOTONICHE al servizio del settore dei beni culturali**

Photonic Empowering Cultural Heritage



# Results from the NB 1070 nm filter



VISIBLE



NB filter 1070 nm

Courtesy of Museo dell'Accademia Ligustica Genua



**Photonic 4 Cultural Heritage**  
Castello Sforzesco Milano, Italy | 1st December 2023

Photonic Technologies meet Cultural Heritage & Arts

- End Users Workshops
- Inventory, study, digitization and more...
- Engaging Arts

**LE TECNOLOGIE FOTONICHE**  
al servizio del settore dei beni culturali  
*Photonics Empowering Cultural Heritage*



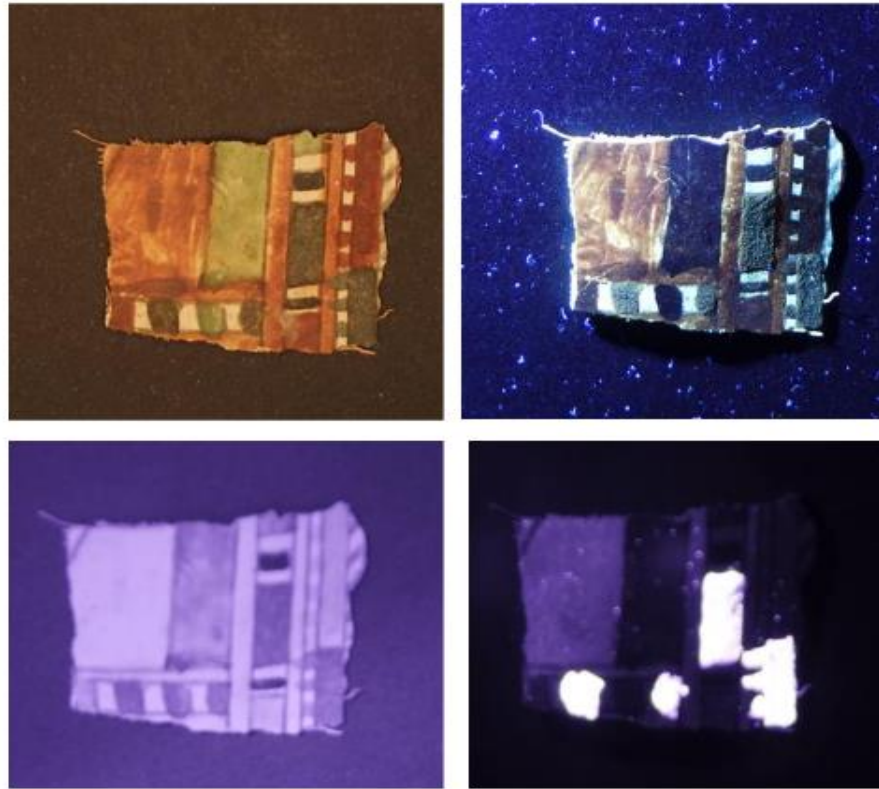
Here results with a modified mirrorless camera, a UV 365 and a 640 nm power led and an high pass IR filter.



Preliminary Multi-Band Imaging Investigation  
on  
Items from the Aga Khan III Necropolis, Aswan  
(Egypt) V. Guglielmi UNIMI et al.



Here results with a modified mirrorless camera, a UV 365 and a 640 nm power led and an high pass IR filter.



Preliminary Multi-Band Imaging Investigation  
on  
Items from the Aga Khan III Necropolis, Aswan  
(Egypt) V. Guglielmi UNIMI et al.



# The last project ended:



???



# The last project ended:

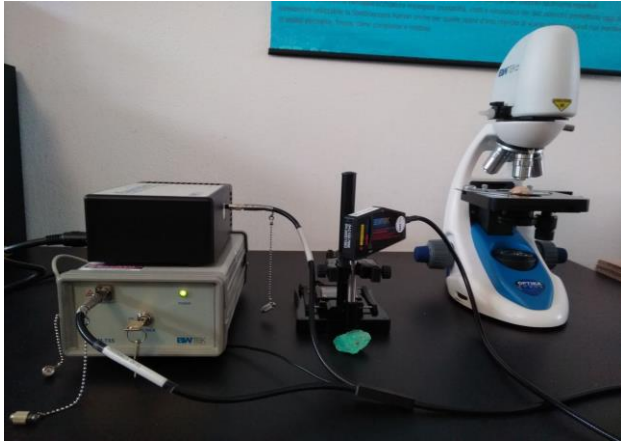


Courtesy Francesco Negri  
Università Ca' Foscari Venezia





# We recognise, popular Photonics can't solve all:



Modular portable Raman spectroscopy



Non contact FTIR



UV-VIS-NIR Reflectance Spectroscopy



# Thanks for the attention!



Courtesy : Centre Jean Berard Naples

