

Name	Woman reading
Author/ Attribution	Ștefan Luchian
Technique	Oil on canvas / Easel painting
Beneficiary	Municipal Museum of Bucharest (MMB)
Analysis	- XRF (X-ray Fluorescence) with portable TRACER III-SD, anticathode Rh, 40 kV, 11 μA, 10 s time of analysis - FTIR spectroscopy - Multispectral analysis (ARTIST) UV-VIS-NIR (365-1100 nm) - Hyperspectral analysis (SWIR), Hyspex 384 with 30 cm lens (950-2550 nm) - High-Resolution Digital X-ray ISOVOLT Mobile 160, Parameters 30kV, 60 s, 5 mA - Optical Microscopy

For the full report please contact

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UV fluorescence



UV reflectance



Visible color



950 nm



1600 nm



2000 nm

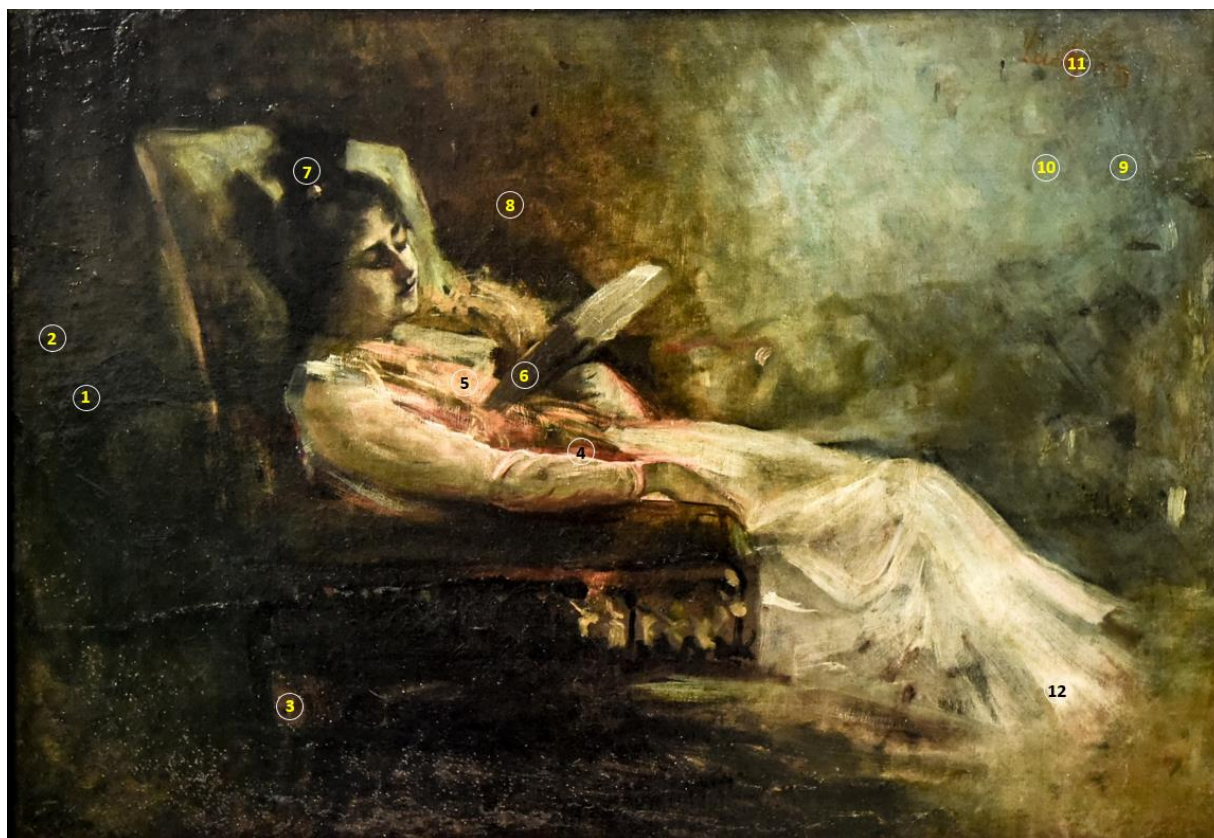


FCIR: RGB 1062-1590-126



Digital X-ray

XRF. Points of analysis



Preliminary results

1	Pb, Fe, Zn, Cr, Ca	7	Pb, Ca, Zn, Fe
2	Pb, Fe, Zn, Cr, Ca	8	Pb, Fe, Zn, Ca, Cr
3	Pb, Zn, Fe, Ca	9	Pb, Zn, Fe
4	Pb, Hg, Fe, Zn, Cr, Ca	10	Pb, Zn, Fe
5	Pb, Fe, Zn, Hg	11	Pb, Zn, Fe, Hg
6	Pb, Fe, Zn, Hg	12	Pb, Zn

