

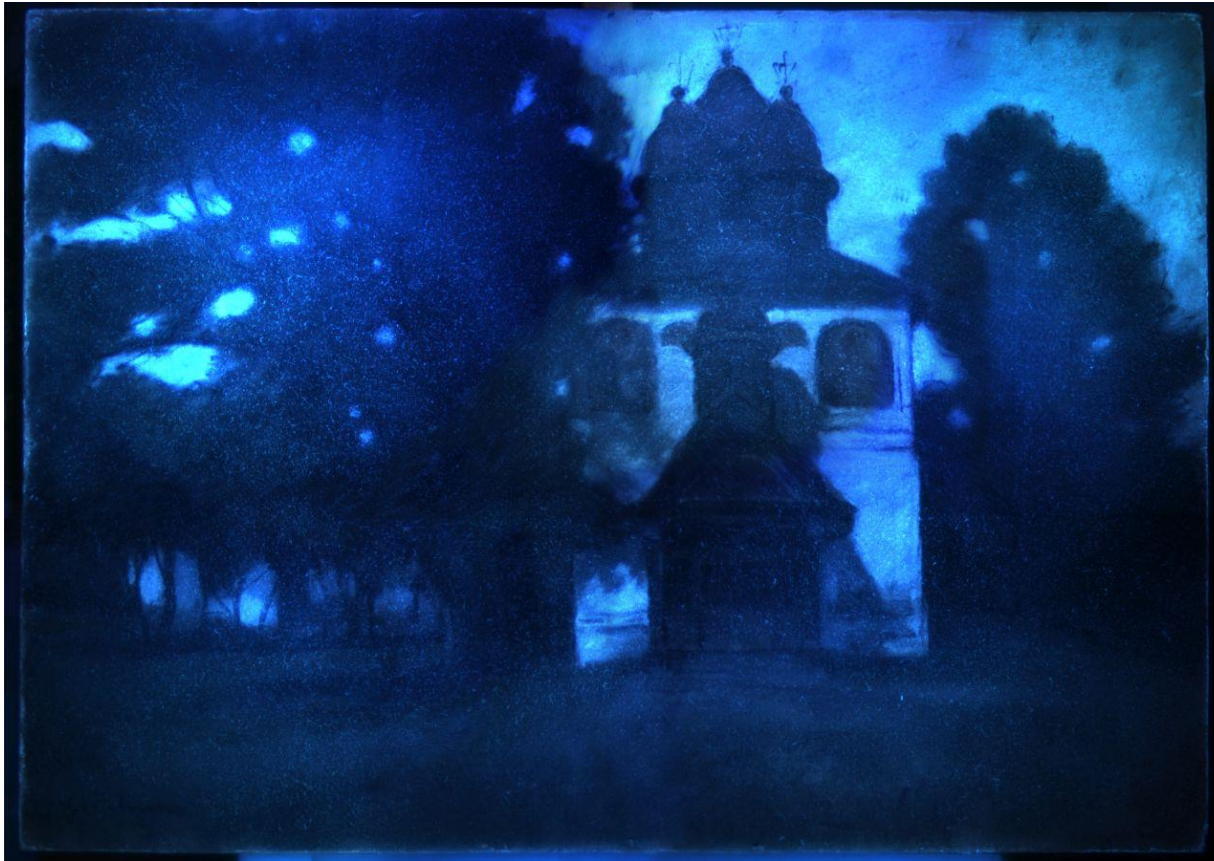
Name	Brebu Monastery
Author/ Attribution	Ștefan Luchian
Technique	Pastels on cardboard
Beneficiary	Municipal Museum of Bucharest (MMB)
Analysis	- XRF (X-ray Fluorescence) with portable TRACER III-SD, anticathode Rh, 40 kV, 11 μA, 10 s time of analysis - Multispectral analysis (ARTIST) UV-VIS-NIR (365-1100 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

certo@inoe.ro



Visible color



UV fluorescence



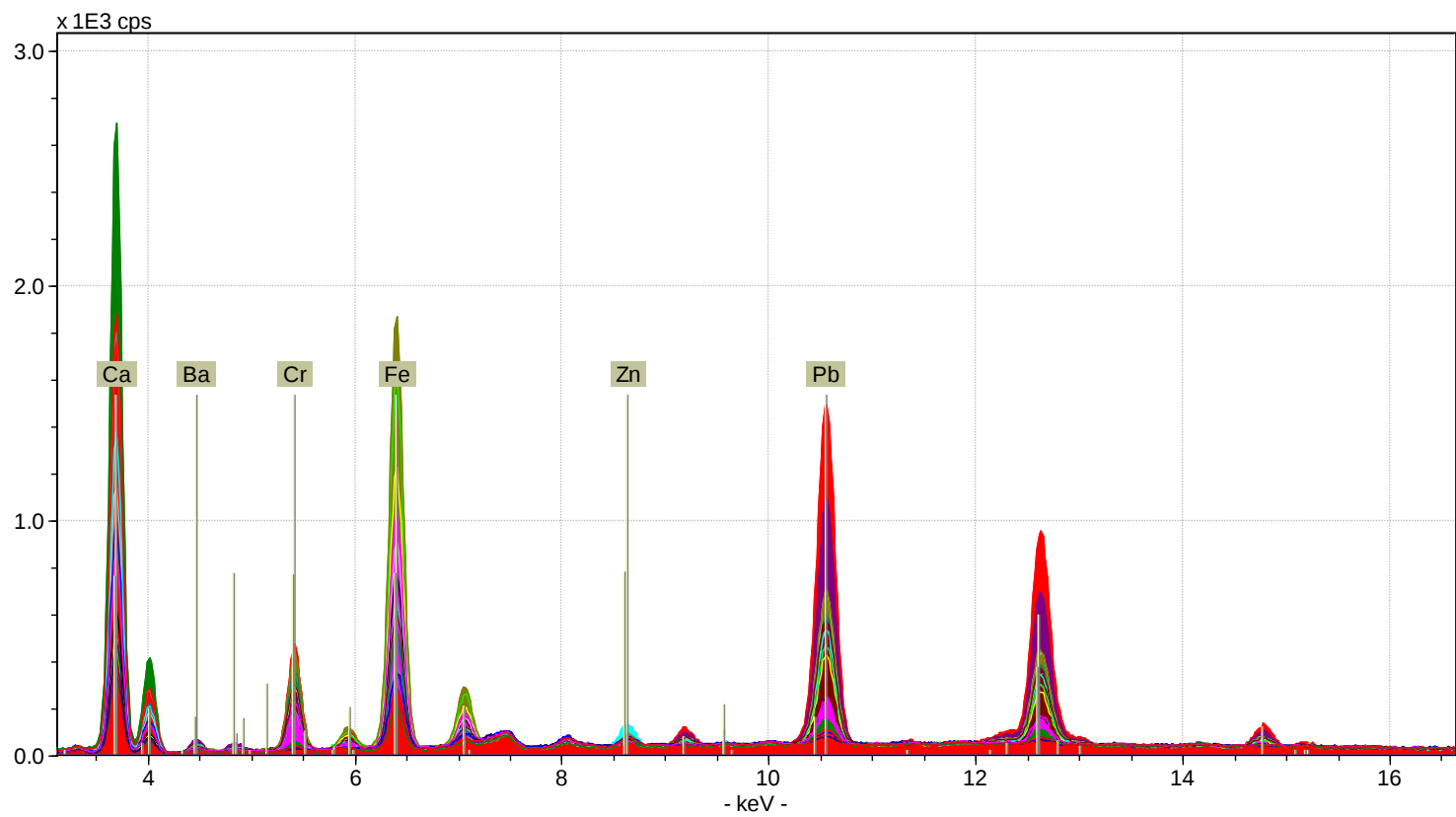
2200 nm

Points of Analysis

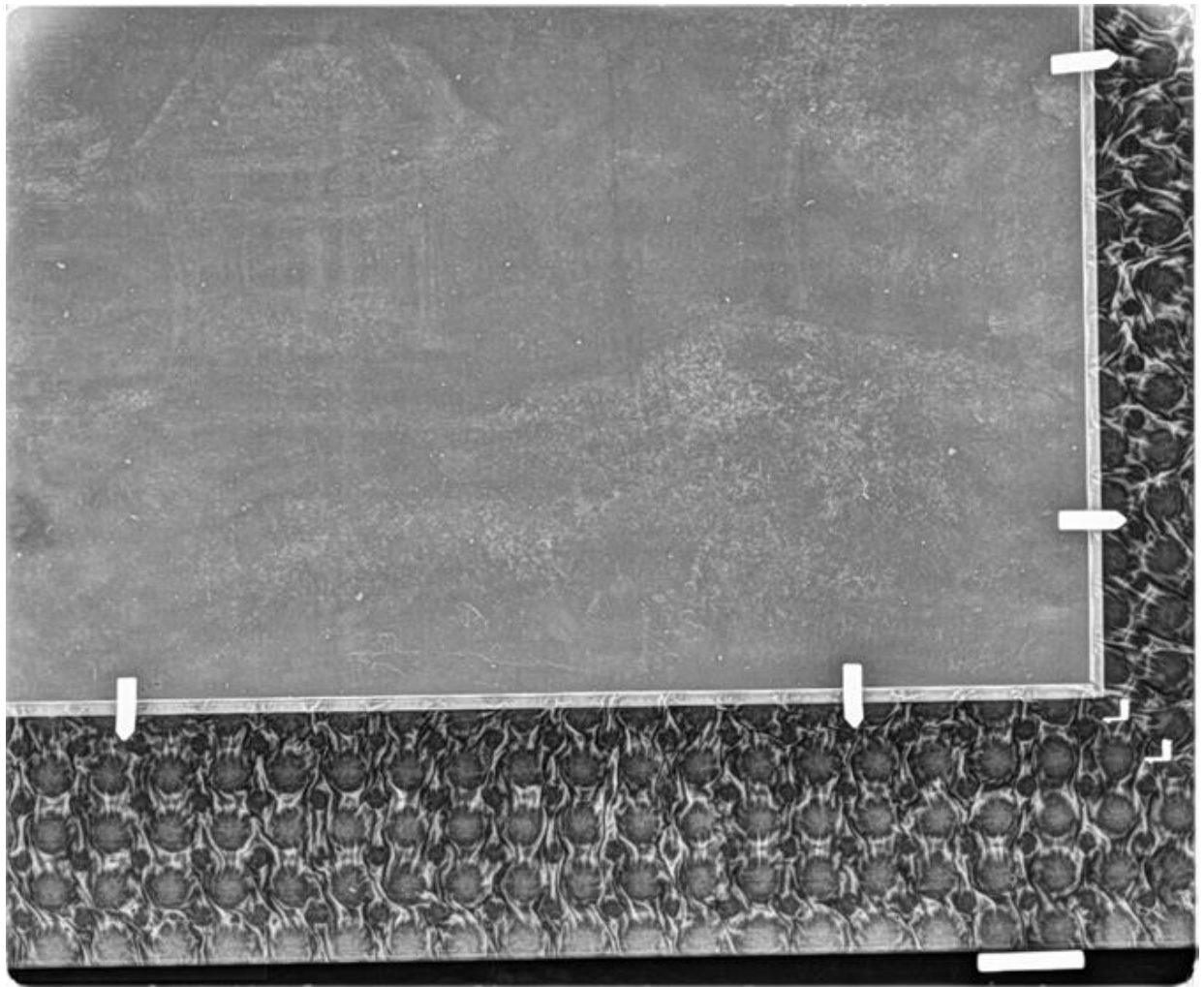


Preliminary results

1	Ca, Fe, Pb, Zn, Cu
2	Ca, Fe, Pb
3	Fe, Ca, Pb, Cr, Cu, Zn
4	Ca, Fe, Pb, Cu, Zn
5	Ca, Fe, Pb, Cu, Zn Ba, K, Hg
6	Pb, Fe, Ca, Cr, S, Zn, Cu, Ba
7	Fe, Pb, Ca, Cr, Zn, S, Cu, Ba
8	Pb, Ca, Fe, Cr, S, Cu, Ba
9	Ca, Pb, Fe, Cr, Zn, S, Cu, Ba
10	Fe, Pb, Ca, Cr, Zn, S, Cu, Ba
11	Ca, Pb, Fe, Cr, Zn
12	Ca, Fe, Pb, Cr, Zn, S, Cu, Ba
13	Ca, Pb, Fe, Cr, Zn, S, Cu
14	Fe, Pb, Ca, Cr, Cu, Zn, S, Ba
15	Fe, Ca, Pb, Cr, Zn, Cu, Ba, S
16	Pb, Ca, Cr, Fe, S
17	Pb, Fe, Ca, Cr, Zn, S, Cu, Ba
18	Pb, Fe, Ca, Cr, Zn, S, Hg, Cu, Ba



Collected spectra



Digital X-ray