

Pissarro

Below are 2 series of 5 plots of forming 2 groups of the spectra taken of the Pissarro painting. There is one plot showing the full spectra of each group and then 4 plots of each group showing the details of energy ranges from 1 to 6, 6 to 13 (low and high gain) and 13 to 27 keV respectively.

To get a clear view I would recommend that you print out on 11 by 17 paper each of the sectional spectral and lay them end to end. In each case I have labeled the elements present in one or more of the pigments in that series of analysis. The relative amplitude of each elemental peak represents the relative concentration of that element in that pigment.

Your spectra are excellent and full of enough detailed elemental knowledge to write a very good paper.

Examine each closely and call me for any insight I might add to yours. For instance you could make a table of which spectra contain what elements and the relative content of each element, and thereby defining what pigments are represented.

I would like to see a detailed photograph of the painting you analyzed noting the areas analyzed.



















