Fig. I. Anonymous: *San Telmo* (16th century). Fine Arts Museum of Seville. Photo A. Kriznar
Fig. II. *In situ* IRR analysis. The IR camera (in detail on a smaller image) is coupled to the automatic platform that allows smooth X and Y movement. Photo A. Kriznar

Fig. III. *In situ* XRF analysis. General view and a detail of the Saint’s face. Photo A. Kriznar
Fig. IV. Observation under UV light reveals later interventions. Larger areas are pointed out with red ovals. Photo A. Kriznar
Fig. V. IRR image shows the artist’s brushstroke and forms of modeling drapery and its shades. Comparison with the image in visible light. Photo A. Kriznar

Fig. VI. IRR image reveals changes in the composition of the boat. Comparison with the image in visible light. Photo A. Kriznar