

BOOK OF ABSTRACTS

# COLOURS 2015

BRIDGING SCIENCE WITH ART



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## CHROMATIC ESSAY FOR CHARACTERIZATION OF LOSSES FOR THE CHROMATIC REINTEGRATION PROCESS OF CULTURAL HERITAGE

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The study presented here was conducted in the framework of the doctoral program in Cultural Heritage, specialization in Painting, which took place at the Catholic University of Portugal, with the theme of quality in chromatic reintegration. The aim of this study is to propose a system for the characterization of the losses in the pictorial surface, so that conservator-restorer can have access to qualitative and quantitative accurate information before, during and after the intervention. We used photographic images of a panel painting from the (XVI century and a geographical information system software, used in the processing of spatial data, the QGIS open source program.

Keyword: characterization, losses, chromatic reintegration, GIS, QGIS.