

Novel 3D-HYEPSPECTRAL METHODOLOGY TO ESTIMATE DETERIORATION IN PAINTINGS



The objectives of the workshop are to disseminate the results of the FP7-ENV-2010-1-265151 **SYDDARTA - SYstem for Digitisation and Diagnosis in ART Applications**, which main target has been to develop a pre-industrial prototype for diagnosing the deterioration on movable assets by the acquisition of 3D-hyperspectral imaging through scanning non-destructive techniques. Such images contain spectroscopic information of the piece to be analysed in different bands of the spectrum, giving chemical composition information of the different materials and layers in the actual 3D surface by means of a very narrow screening bandwidth and the use of volumetric digitisation.

<http://www.syddarta.eu/>