



مكتبة قطر الوطنية  
QATAR NATIONAL LIBRARY  
عضو في مؤسسة قطر  
Member of Qatar Foundation

IFLA/PAC Regional Center for Arab Countries  
and the Middle East at Qatar National Library

## Training Course

# Practical Methods for the Scientific Examination of Library Objects



5-7 March 2018

Time: 8:00 am - 2:30 pm

# INVITATION

Qatar National Library (QNL) is pleased to invite all paper and book conservators from libraries, cultural institutions and museums in Qatar and the Arab world to this 3-day hands-on training, conducted by Dr. Antonino Cosentino, Cultural Heritage Science Open Source.

[www.chsopensource.org](http://www.chsopensource.org)

The training is free of charge and is part of the 2017-2018 annual plan for the IFLA/PAC Regional Center for Arab Countries and the Middle East at QNL. For registration or any further information, please write to:

[qnlpac@qf.org.qa](mailto:qnlpac@qf.org.qa)

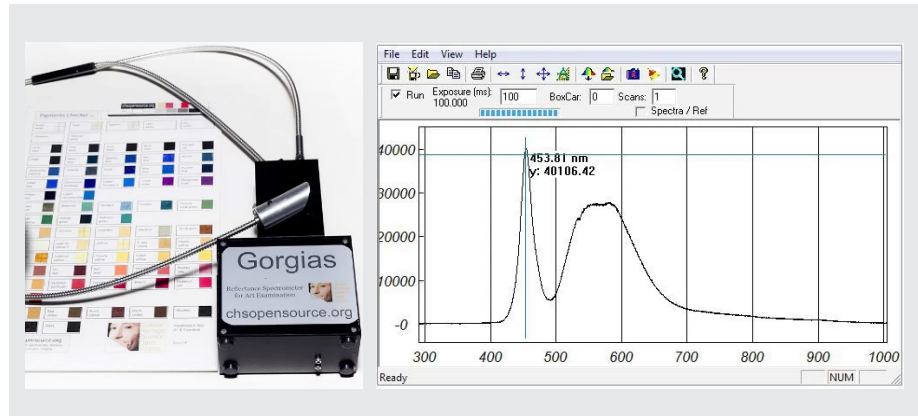
## The Program:



## FIRST DAY:

### *Subject: Reflectance spectroscopy*

Reflectance spectroscopy (RS) is a powerful portable technique for the identification of pigments. An RS spectrum shows the ratio between the intensity of the reflected light and the incident light for each wavelength. The RS spectra can provide information useful for pigments identification.



## SECOND DAY:

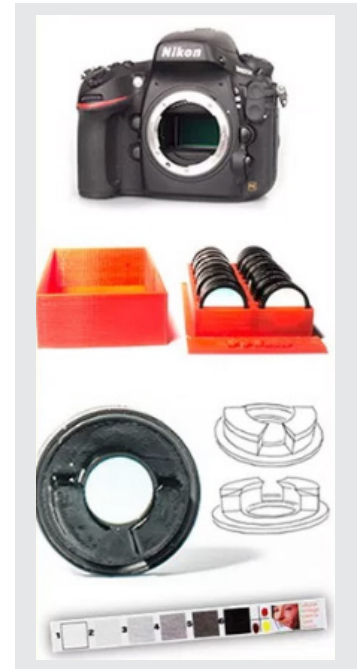
### *Subject: Technical Photography*

Technical photography represents a collection of images realized with a modified digital camera sensitive to the spectral range (about 360-1000 nm). Different lighting sources and filters are used to acquire a selection of technical images, with each one providing different information about the object under examination.

## THIRD DAY:

### *Subject: Multispectral Imaging*

Multispectral Imaging used to identify and map pigments in polychrome artworks, and to enhance the reading of faded historical documents. Conservators can use this technique to distinguish original sections in paintings and select the proper conservation procedures.



Thank You

[www.qnl.qa](http://www.qnl.qa)