Qatar National Library, as the IFLA/PAC Regional Center for Arab Countries and the Middle East, in cooperation with the Holy Spirit University of Kaslik and the Beit Gazo Center, Lebanon, is organizing the training course:

**Practical Methods for the Scientific Examination of Library Objects**

**25 - 28 November 2019**  
**Time:** 8:30 AM – 2:30 PM  
**Place:** Holy Spirit University of Kaslik and the Beit Gazo Center, Jounieh, Lebanon
We are pleased to invite all libraries, cultural institutions and museums in Lebanon and the Levant region to nominate paper and manuscripts conservators to attend this four-day training course held at the Holy Spirit University of Kaslik and the Beit Gazo Center, Jounieh, Lebanon.

The course will be conducted by Dr. Antonino Cosentino, Director of Cultural Heritage Science Open Source

https://chsopensource.org/trainings/

and Maxim Nasra, Book Conservation Specialist at Qatar National Library.

The training is free, and accommodation and airline tickets will be covered for some participants.

To register or inquire, please contact us by e-mail:

qnlpac@qnl.qa
Technical Photography

Technical photography represents a collection of images taken 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.
The Program:

Day 3 - Holy Spirit University of Kaslik

Reflectance spectroscopy

Reflectance spectroscopy (RS) is a powerful portable technique for the identification of pigments in manuscripts and paintings.

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 pigment identification.

Day 4 - Beit Gazo Center

Practical training on technical photography and reflectance spectroscopy using heritage manuscripts found in the Beit Gazo Center
Thank You

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