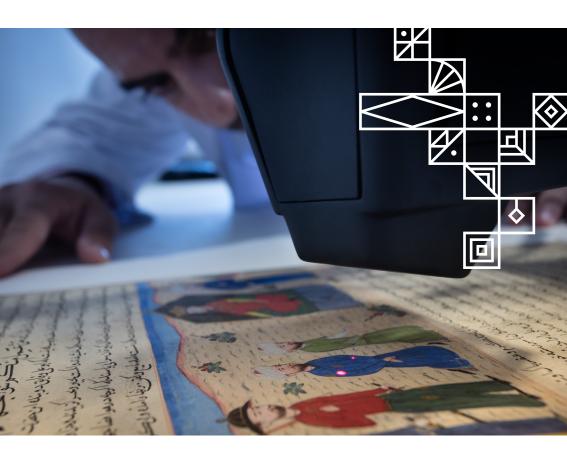


مكتبة قطر الوطنية Qatar National Library IFLA Strategic Programme
Preservation and
Conservation (PAC)



# Scientific Applications in Cultural Heritage Forum: Doha 2021

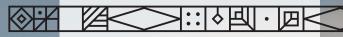
### 25 – 30 January 2021

This event will be held online via Zoom. Arabic and English interpretation will be available.

To register, visit https://ssl.eventilla.com/attend/jM4oZ

For more information on the forum, please contact <u>qnlpac@qnl.qa</u>

Note: All times in Qatar time (GMT +3)





The first edition of this forum will focus on pigments and dyes in manuscripts and heritage objects, and will include lectures and practical sessions on the most important spectroscopic techniques for noninvasive and non-destructive analysis, which has an impact on fundamental knowledge, interpretation and conservation.

The forum will also feature lectures on Arabic and Persian pigments and how they were made; the various dyestuffs used for Arabic manuscripts, the extraction methods and the dyeing processes; and conservation issues and deterioration processes encountered with pigments and dyes found in Islamic manuscripts.

## 25 January 2021

3:00 – 3:30 PM		
Opening Speeches	<b>Dr. Hamda Al-Sulaiti</b> Secretary General, Qatari National Commission for Education, Culture and Science	
	<b>Stephane Ipert</b> Director of Distinctive Collections, Qatar National Library	
3:30 – 6:30 PM		
Presentation of Pigments and Their Making Processes: Organic, Inorganic and Processed	<b>Amélie Couvrat Desvergnes</b> Paper and Book Researcher and Conservator	
Presentation of Dyes and Their Making Processes		
6:30 – 8:00 PM		
Persian Pigments and Dyes: History, Material Technology and Primary Sources	<b>Dr. Mandana Barkeshli</b> Conservation Scientist, Principle Fellow, University of Melbourne	

## 26 January 2021

# 3:00 – 5:30 PMConservation Issues and Deterioration<br/>Processes Encountered With Pigments<br/>and Dyes Found in Islamicate<br/>ManuscriptsAmélie Couvrat DesvergnesOverview of the Analytical Techniques<br/>for the Identification of Pigments and<br/>DyesPaper and Book Researcher and Conservator

5:30 – 7:00 PM		
Fiber Optic Reflectance Spectroscopy (FORS): Applications and Practice	Dr. Antonino Cosentino Cultural Heritage Scientist	
7:00 – 8:00 PM		
7:00 – 8:00 PIVI		

### 27 January 2021

3:00 – 4:30 PM		
Traditional Artists' Material Used as	<b>Dr. Mandana Barkeshli</b>	
Preservatives in Persian Manuscripts:	Conservation Scientist, Principle Fellow, University	
Historical and Scientific Analysis	of Melbourne	
4:30 – 6:00 PM		
Persian Inks: History, Reconstruction	<b>Dr. Sadra Zekrgoo</b>	
and Identification Through Non-	Materials Conservation Scientist, University of	
Invasive Analysis	Melbourne	
6:00 – 8:00 PM		
Raman Spectroscopy: Applications,	<b>Dr. Antonino Cosentino</b>	
Practice and Case Studies	Cultural Heritage Scientist	

### 28 January 2021

3:00 - 4:00 PM

Characteristics of Sizing Materials Used in Persian Manuscripts: Historical and Scientific Analysis

### Dr. Mandana Barkeshli

Conservation Scientist, Principle Fellow, University of Melbourne

4:00 – 6:00 PM		
X-Ray Fluorescence Spectroscopy (XRF): Applications, Practice and Case Studies	<b>Dr. Antonino Cosentino</b> Cultural Heritage Scientist	
6:00 – 8:00 PM		
Fourier-Transform Infrared Spectroscopy (FTIR): Applications, Practice and Case Studies	<b>Dr. Antonino Cosentino</b> Cultural Heritage Scientist	

### 29 January 2021

5:00 – 8:00 PM	
Fiber Optic Reflectance Spectroscopy (FORS): Practice and Results Analysis	<b>Dr. Antonino Cosentino</b> Cultural Heritage Scientist
	Maxim Nasra Book Conservation Specialist

### 30 January 2021

5:00 - 8:00 PM

Raman Spectroscopy: Practice and Results Analysis

Dr. Antonino Cosentino

Cultural Heritage Scientist

Maxim Nasra Book Conservation Specialist

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