



Students Summer Training

2018

Students Summer Training - Cultural Heritage Science Open Source



On Summer we organize our 3° Students Summer Training (4 full days) for students enrolled in programs related to heritage conservation (conservators, art historians, archaeologists, curators..) and under 35 yo. This is a unique opportunity to have access to our Training at a special fee. Our Training courses are aimed to art conservation professionals that want to add new technical examination tools to their skills

We are offering the 3rd Students Summer Training on September 4-7, 2018 at the CHSOS Studio in beautiful Sicily.

Cultural Heritage Science Open Source

Info

Course title: Practical methods for Art Examination

Seats: max 5 participants. Our training consists of hands-on activities and we accept max 5 students.

Dates: September 4-7, 2018

Location: CHSOS Studio, via Matrice, 4, Viagrande 95029, Italy

Students Summer Training

Program

1st Day. Technical Photography (TP)

Technical Photography represents a collection of broadband spectral images realized with a modified digital camera and different lighting sources and filters. We will practice hands-on shooting and editing for these technical photos:

VIS, Visible,

PL, Polarized light photography

RAK, Raking light Photography

UVF, Ultraviolet Fluorescence Photography

UVR, Reflected Ultraviolet Photography

IR, Infrared Photography

IRT, Transmitted infrared Photography

IRF, Infrared Fluorescence Photography

IRFC, Infrared False Color Photography

2nd Day. Infrared Reflectography (IRR), Reflectance Spectroscopy (RS), Reflectance Transformation Imaging (RTI)

Infrared Reflectography allows to identify underdrawing and pentimenti. We coupled it with the panoramic method in order to acquire infrared reflectograms with a fast and lightweight set up.

Reflectance Spectroscopy (RS) shows, for each wavelength, the ratio between the intensity of the reflected light and the incident light, measured with respect to a standard white reference (reflectance). Reflectance spectra provide information useful for the identification of pigments.

Reflectance Transformation Imaging (RTI) is a computational photographic technique and it is used in a number of fields related to art examination and documentation because it provides a virtual and enhanced visualization of an object's surface.

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3rd Day. Multispectral Imaging ([MSI](#))

Multispectral Imaging ([MSI](#)) is used to map and tentatively identify pigments and in paints on works of art. It is also useful to visually enhance old and faded documents. Thanks to the first crowdfunded research in art conservation science, CHSOS has developed an [MSI](#) system using 18 bandpass filter and a full spectrum digital camera that covers the 400-920 nm spectral range.

Shooting spectral images.

Splitting spectral images into RGB channels.

Registering spectral images.

Calibrating spectral images.

Spectra reconstruction and mapping.

4th Day. Students projects

Review the methodologies working on students projects.

Registration

Fill in the Registration form to the Summer Training program. [CLICK HERE](#). You will receive an automatic reply confirming we have received your request and then you will receive our email confirming you have been accepted. You can then proceed to pay your fee to finalize your registration.

Fee

Early bird Fee: 650 €. Early bird registration deadline: June 30th

Standard Fee: 990 €

[CLICK HERE](#) to pay with Paypal

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Logistics

Travel. Contact us for info how to reach the CHSOS studio. We suggest to flight to Catania (CTA) airport, 30 minutes driving to the studio.

Timetable. Classes are held in the morning 9AM-1PM (4 hours) and in the afternoon 4PM-6PM (2 hours).

Accommodation. There are some good B&B in Viagrande. I suggest you book one of these located in downtown Viagrande, walking distance from our Studio (via matrice, 4, Viagrande). Since we are taking 6 hours classes, I strongly suggest you book the 3 nights in downtown Viagrande, to make your stay more comfortable.

[Casa Vacanza La Palma](#) [VELARDI B&B](#) [Casa Vacanza Al Nespolo](#) [B&B Suite](#) [IL B&B Maison Graziella](#)

Eat. There are plenty of places to eat for breakfast, lunch, and dinner at walking distance from our Studio.

Previous editions

[1° Summer Training 2016](#)

[2° Summer Training 2017](#)

Learn more on our Training programs

Find more information on our training program for institutions and professionals.
[CLICK HERE.](#)