

# SULIEIA

*Supporting Universities in digital transition, educational Innovation, & environment protection, fostering the Launch of Italian Educational Institutions Abroad (SULIEIA) funded by TNE 2023 PIANO NAZIONALE DI RIPRESA E RESILIENZA (PNRR) MISSIONE 4 "Istruzione e ricerca" - COMPONENTE 1 "Potenziamento dell'offerta dei servizi all'istruzione: dagli asili nido all'Università" INVESTIMENTO 3.4 "Didattica universitaria e competenze avanzate", sotto-investimento - T4 "Iniziative Transnazionali in materia di istruzione"*

## Photography in Research PhotoRes

### The SULIEIA PROJECT FREE BLENDED INTENSIVE COURSE

organized by  
the Department of Pharmacy, University of Napoli Federico II  
*in collaboration with*  
El Manar University, Tunis, Professors Sonia Margali, Imene Ouzari  
and the Photograph Salvatore Esposito

**WHAT:** Harnessing the power of photography to communicate and share research findings can transform the way information is conveyed, making complex ideas more accessible and engaging for a wider audience.

**This six-day hybrid Spring School will focus on developing skills in using photography to share Science. We will give an overview of the techniques and provide a space to practice.**

#### **WHEN:**

12<sup>th</sup>, 13<sup>th</sup>, 14<sup>th</sup> March ONLINE

24<sup>th</sup>, 25<sup>th</sup>, & 26<sup>th</sup> March IN PRESENCE at the University El Manar, Tunis - Tunisia

**WHO:** Undergraduates, Master, PHD, Post-doc students

Number of students: 30

## AGENDA

### WHEN:

#### **12<sup>th</sup>, 13<sup>th</sup>, 14<sup>th</sup> March ONLINE**

h 15.00-17.00 - Two-hour lectures by the Photograph Salvatore Esposito and the professors Roberta Teta and Germana Esposito, Organic Chemistry & Natural Products Researchers

#### **24<sup>th</sup>, 25<sup>th</sup>, & 26<sup>th</sup> March IN PRESENCE at University El Manar, Tunis - Tunisia**

*The School is free and includes the use of photographic equipment. Travel and accommodation expenses in Tunisia are the responsibility of the participants.*

*N.3 scholarships, including travel and accommodation, will be dedicated to UNINA participants. The winners will be selected based on a motivation letter in English or French (300 words) and a CV to be sent to:*

[infoissnp@gmail.com](mailto:infoissnp@gmail.com)

*For participants who cannot attend the course in person in Tunisia, an alternative session is planned during the VI edition of the International Summer School in Maratea, <https://www.issnpschool.org/> or in Napoli (date TBD)*

**24<sup>th</sup> March:** Introductory seminar by Valeria Costantino and Salvatore Esposito

h15.00-15.30: **The Impact of Climate Change on Natural Products Science** V. Costantino

h 15.30-16.00: **Embarking on the Field Journey: An Introduction.** S. Esposito

**25<sup>th</sup>-27<sup>th</sup> March:** Lab Experience - Capture unforgettable moments with our students on the field by taking pictures!

**OUTPUT:** Gather pictures from the students and award a prize for the best entry (Photo Research Contest).

### APPLICATION

**Please fill this:** [https://docs.google.com/forms/d/e/1FAIpQLScpezcGa-KWUkRSeB8ebBU-NsoPAvqNg23SntyAWkGcb1\\_SMw/viewform?usp=preview](https://docs.google.com/forms/d/e/1FAIpQLScpezcGa-KWUkRSeB8ebBU-NsoPAvqNg23SntyAWkGcb1_SMw/viewform?usp=preview)

by **February the 24<sup>th</sup>, 2025**. For more info: [infoissnp@gmail.com](mailto:infoissnp@gmail.com)

## Detailed Program for the Online Session

**12 March 2025 – 15.00-17.00**

Introduction:

Roberta Teta & Germana Esposito, Dep of Pharmacy, *TheBlueChemistryLab*

Background and Aims of Photography in Research

Salvatore Esposito, photograph

**Writing with light –**

- Camera as pen
- Images as words of a story
- World and its stories to tell
- Camera as a tool for understanding the world
- Observe reality
- Interpretation of reality
- Photography as documentary value

**The camera**

- Reflex (how it is made and how it works)
- Mirrorless (how it is made and how it works)
- How to choose a camera
- Photographic lenses: which ones exist, technical characteristics and how to use them.

**13 March 2025 – 15.00-17.00**

Salvatore Esposito, photograph

**Shooting technique**

- Exposure time
- Diaphragm
- Aperture speed reciprocity
- Exposure: overexposure and underexposure
- ISO
- Memory card
- Files: Raw – Jpeg

Tutorial with Camera Simulator

**Digital Darkroom and Composition**

Digital darkroom –

- Computer
- Photoshop: exposure correction, color correction, curves (highlights/lowlights)

The composition –

- The rule of thirds
- The prospective
- Vanishing point

**14 March 2025 – 15.00-17.00**

**Mobile photography**

- What is it
- Large diffusion
- Immediacy of use
- Automatism

- Difference with camera
- Mobile as photo note

### **Photography and environment**

- Landscape photography
- How photography can improve people's sensitivity
- Photography as an important means of communication on sustainability
- Photography to show the impact of human action on the environment
- Photography as a tool of awareness, hope, and innovation
- Photography as a tool to show the effects of climate change on populations and nature
- Photography highlights the excessive consumption of natural resources, and the environmental damage caused.
- Photography that captures the vital role of biodiversity in our planet's health.
- Highlight the most pressing environmental problems

### **25<sup>th</sup> & 26<sup>th</sup> March: Lab Experience Programme Work in progress**

An Open Badge is issued to students who have participated in at least 75% of the activity, contributed to the interactive activities, and completed the technical.

Test (including the practical part), and the feedback questionnaire.

The **technical photography test** is organized as follows:

- Verification of elementary, theoretical, and practical knowledge of camera use, which includes:
  1. Questions asked by the examiner using photos chosen by him/her. The following aspects will be assessed: rule of thirds (composition techniques); knowledge of the theoretical and practical basics of camera use such as adjusting ISO, shutter speed, and aperture.
  2. Practical check on the use of the camera (material needed: camera). The basic practical knowledge of camera use, such as adjusting ISO, shutter speed, and aperture, will be assessed.

A **practical test** on the field lasts 30 minutes. The candidate must demonstrate how to communicate a climate change-related issue through photography.

The candidates will be evaluated based on the effectiveness and quality of their methods and their ability to utilize transversal skills within a team setting collaboratively.