

Scientific Examination of Iron Gall Ink

2025 – November 12-14, CHSOS Studio ITALY

Instructor. Antonino Cosentino

Max participants. 5

Fee. 990 euro +VAT

Timetable. 3-days, 6 hours per day

Language. English.

info and Registration. chsopensource.org/courses/course-in-italy-iron-gall-ink/



Welcome to our 3-day, hands-on training program, where we focus on the scientific examination of iron gall ink using both imaging and spectroscopy techniques. Each day will consist of six hours of in-depth, practical learning, where participants will not only gain theoretical knowledge but also actively engage in real-time analysis. This course is highly practical, giving you the opportunity to work directly with the equipment of the CHSOS lab.



Program

- Making Iron Gall Ink (1/2h)
- USB microscope (1/2h)
- Technical Photography (5h)
- Raking Light (1/2h)
- XRF Spectroscopy (3h)
- Raman Spectroscopy (3h)
- ATR-FTIR Spectroscopy – parchment (1h)
- ATR-FTIR Spectroscopy – paper (1h)
- LIBERO (IR+) for Palimpsests (1/2h)
- Infrared Reflectography for Palimpsests (1h)
- Reflectance Spectroscopy for Palimpsests (1h)
- Multispectral Imaging for Palimpsests (1h)

Who it's for:

- Paper conservators working with historic manuscripts and archival materials
- Book and library conservators focused on ink corrosion and treatment
- Restoration professionals seeking hands-on experience with iron gall ink
- Students and researchers in conservation, heritage science, or art history
- Curators and heritage professionals interested in preventive conservation strategies
- Anyone working with historic ink manuscripts, particularly from the Middle Ages to the 19th century
- No prior experience with iron gall ink is required, but a background in conservation or related fields is recommended.



CHSOS
Cultural
Heritage
science
open
source

chsopensource.org