IPERION CH

Research Infrastructures and e-Infrastructures
for Cultural Heritage
Rome, 2014 November 13th - 14th

Luca Pezzati

A Multidisciplinary approach to Conservation and Restoration

Towards the European Research Infrastructure for Heritage Science

www.iperionch.eu

Heritage Science

- HS is founded on the interdisciplinary combination of knowledge from arts and humanities (conservation, archaeology, history, art history, ethics etc.), and from science and technology (chemistry, physics, mathematics, biology, anthropology, computer sciences and engineering, etc.).

- HS encompasses the science for the conservation and restoration of Cultural Heritage.

CHARISMA

Cultural Heritage Advanced Research Infrastructure - Synergy for a **Multidisciplinary Approach to Conservation / Restoration**

fp7: CHARISMA 2009-2014

- I3 (*Integrated Infrastructure Initiative*) project
- joined 22 European research Institutes for study and conservation of cultural heritage, by 11 EU Member States
- coordinated by Bruno Brunetti, University of Perugia

IPERION CH

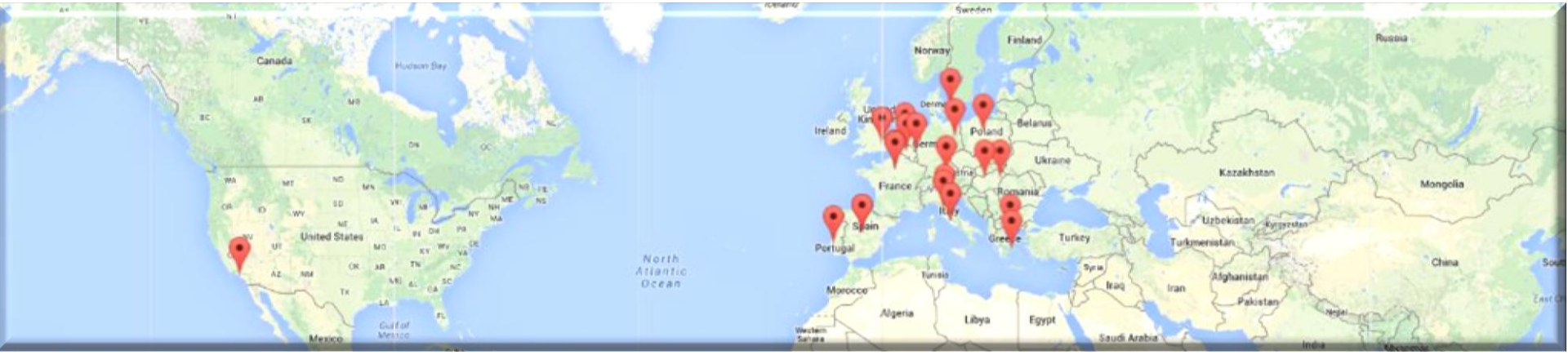
INTEGRATED PROJECT FOR THE EUROPEAN RESEARCH INFRASTRUCTURE ON CULTURAL HERITAGE

IPERION CH mission

- establish a permanent European Research Infrastructure for Heritage Science
- provide access to cutting-edge scientific tools for advanced diagnostics, conservation and restoration
- help structuring the pan-European scientific community of Heritage Science

IPERION CH proposal

- Submitted on 2014, September 2nd to INFRAIA call
- Joins more than 35 research groups from 24 partners (12 EU Member States - Belgium, Denmark, France, Germany, Greece, Hungary, Italy, Poland, Portugal, Spain, The Netherlands, United Kingdom and the USA)



IPERION CH activities

- Trans-National Access to three integrated platforms: ARCHLAB - access to collections held by prestigious European museums and conservation institutions, MOLAB - access to advanced mobile analytical equipment and expertise for in situ measurements; FIXLAB - access to large-scale facilities.
- Joint Research: advancing the state-of-the-art of access services, facilities and tools.
- Networking: knowledge exchange, best practices, international cooperation.
- Digital data: fostering use, reuse and preservation of digital data and tools in Heritage Science (with DARIAH-ERIC).
- Impact: dissemination, communication, support to social and industrial innovation.
- Education and training: training camps and summer schools.
- Sustainability: supporting long-term activities of the EU RI.

IPERION CH

National Research Infrastructures

IPERION-CH.pt

a groundbreaking infrastructure for Cultural Heritage Research

IPERION CH.pt

- Portuguese call for infrastructures closed Sept 30, 2013 with ca. 350 proposals.
- 24 proposals in SSH of which 3 in CH including IPERION CH.pt
- IPERION CH.pt (rated “class 1”) was the only successful in the CH field.

- IPERION CH.pt budget about 1.5MEuro.

- Included in Portuguese national roadmap

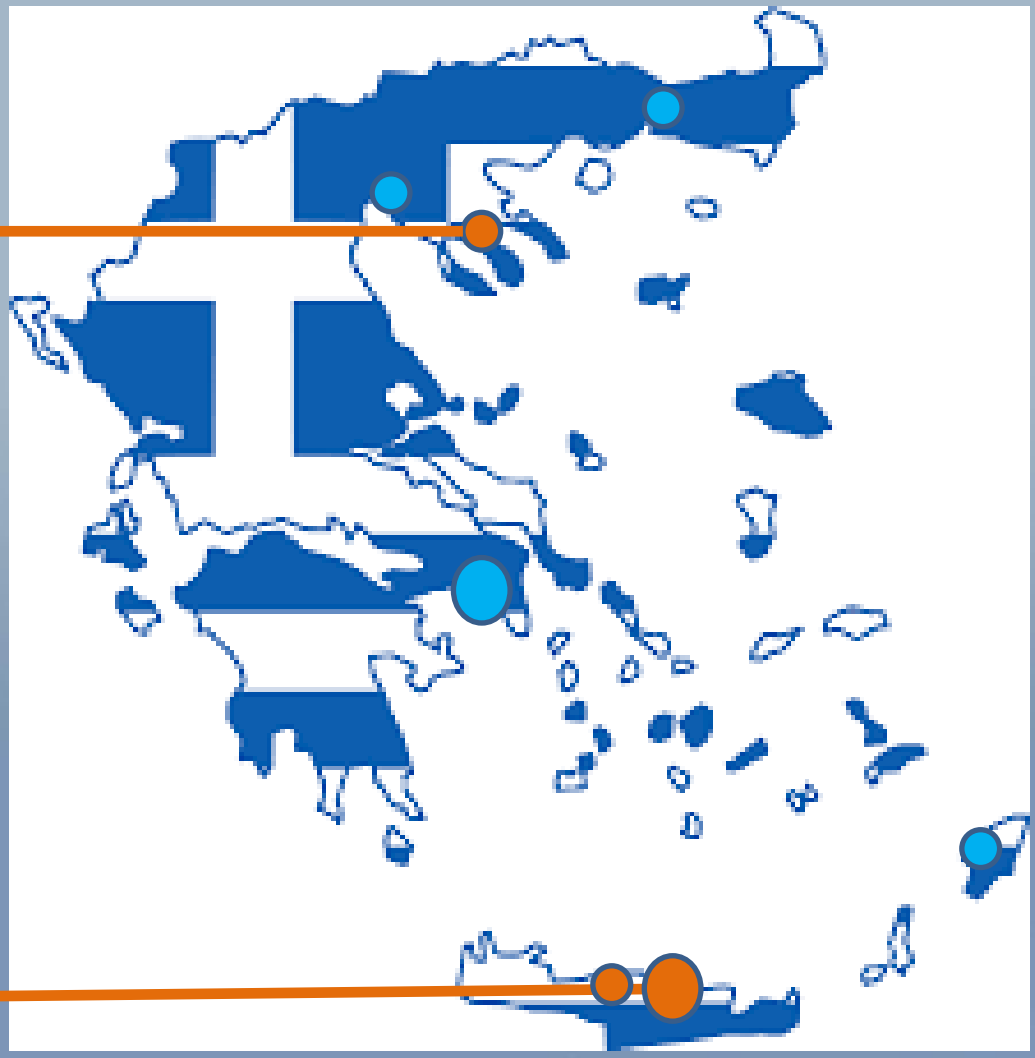
IPERION CH.gr
Partners

the Ormylia foundation

IPERION CH.gr

as it was included in the 2014 Greek Roadmap for Research Infrastructures after proposal evaluation

FORTH
Foundation for Research & Technology, Hellas



IPERION CH.it

Mission:

starting a distributed research infrastructure for Heritage Science in Italy – the Italian node of the RI for HS.

National main venue: Florence (OPD)

Goals:

- Provide access to national scientific community
- Reinforce Italian leadership in Heritage Science
- Provide advanced training to HS researchers
- Contribute to knowledge transfer and researchers mobility
- Contribute to dissemination and exploitation of research results
- Efficient design of European (and national) research projects

Participants to IPERION CH.it 2014-15 activities

CNR (DSU/ICVBC/IFAC/INO/ISTI/ISTM)

Contact person: Luca Pezzati

INFN CHnet

Contact person: Francesco Taccetti

INSTM (SNS, UNIBO, UNIPI, UNIPG)

Contact person: Stefano Legnaioli

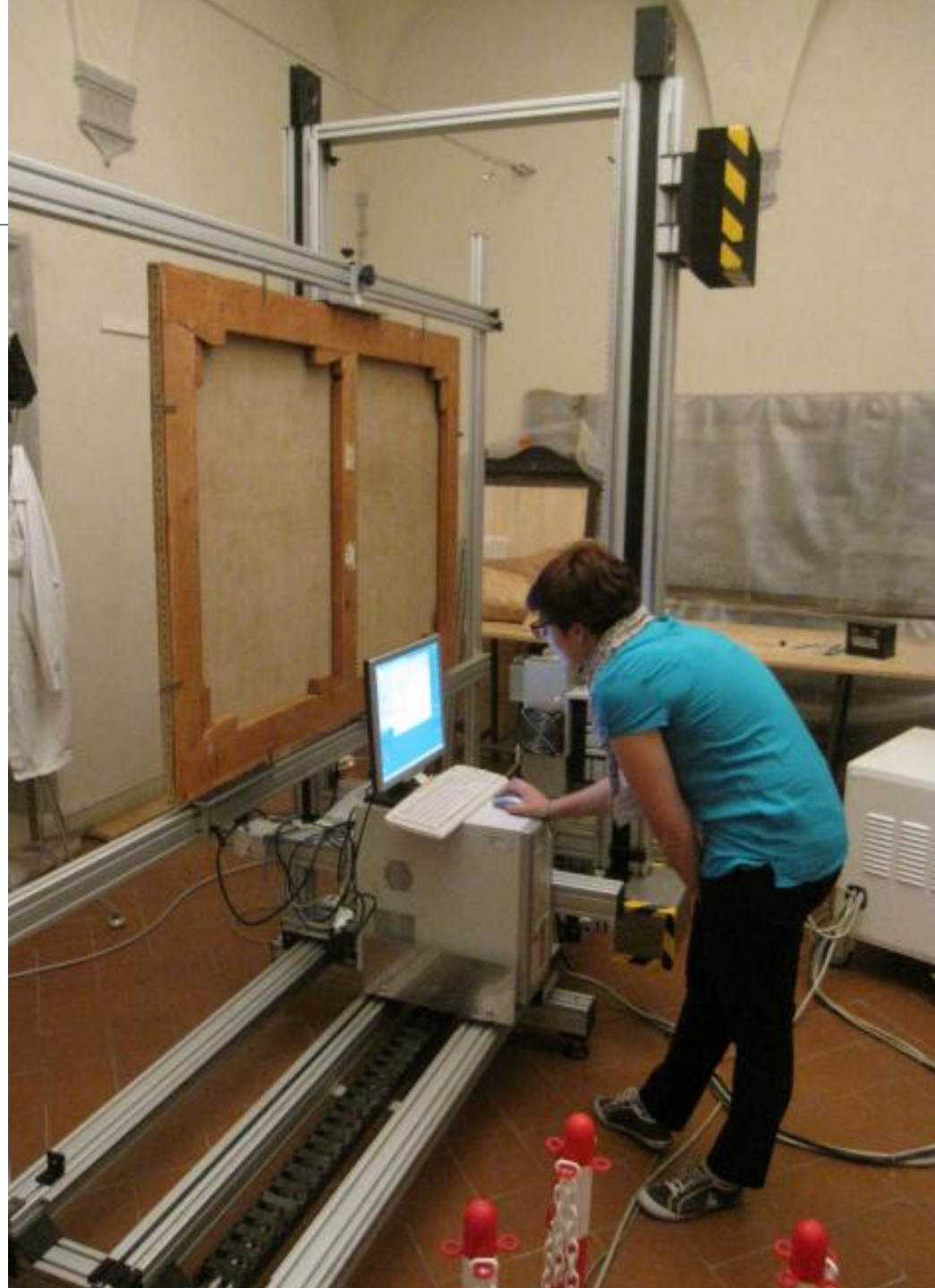
OPD

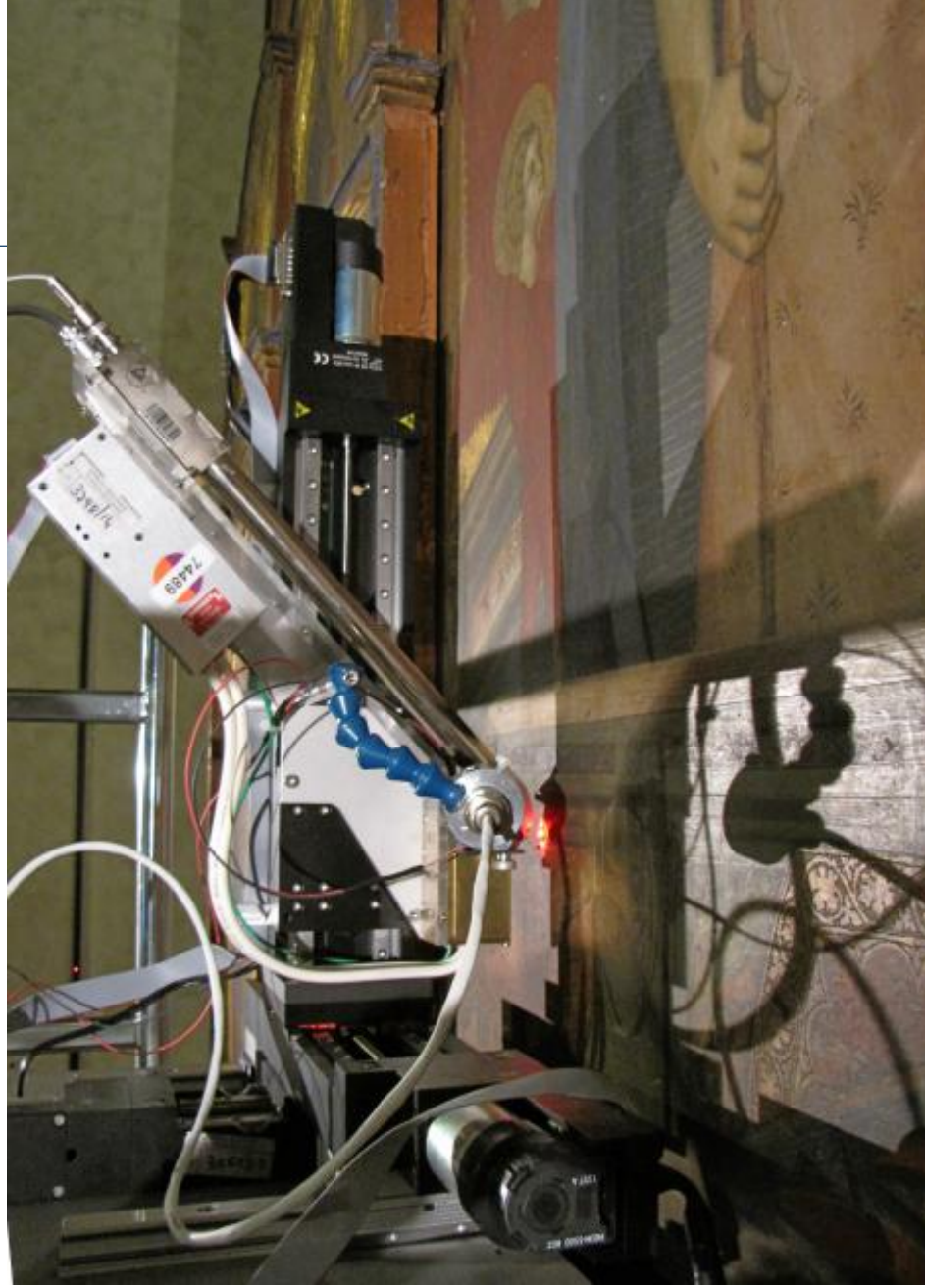
Contact person: Marco Ciatti

IPERION CH.it: Education & Training

1° Training Camp, Civic Museum in Sansepolcro (Tuscany)
2014, June 15-20

33 applicants
20 participants selected
5 days of field work and lessons





First National Access Pilot call – 2014

18 proposals received

7 projects selected (Veneto, Lombardia, Lazio, Campania, Puglia, Sicilia) by an international peer-review panel

Place: Naple, National Archaelogical Museum
Title: Mosaic of Alexander the Great
Date: I a.C.

Place: Milan, Pinacoteca di Brera
Title: Altarpiece of Saint Bernardino
Author: Piero della Francesca

Place: Venice, Peggy Guggenheim
Artworks: from 1942-1947
Author: Jackson Pollock

International Workshop – Library of Congress

Italian Presidency of the Council of the European Union

italia2014.eu

Fostering Transatlantic Dialogue on Digital Heritage and EU Research Infrastructures: Initiatives and Solutions in the USA and in Italy

Washington D.C., 2014, December 1st – 3rd

Organized by

Embassy of Italy WASHINGTON DC

LIBRARY OF CONGRESS

NATIONAL GALLERY OF ART U.S.A.

National Research Council of Italy

In collaboration with

IPERION CH.it

DARIAH-IT

ARIADNE

CENDARI COLLABORATIVE EUROPEAN DIGITAL ARCHIVE INFRASTRUCTURE

IPERION CH.it | DARIAH-IT | The ARIADNE project | The CENDARI project

HERITAGE SCIENCE

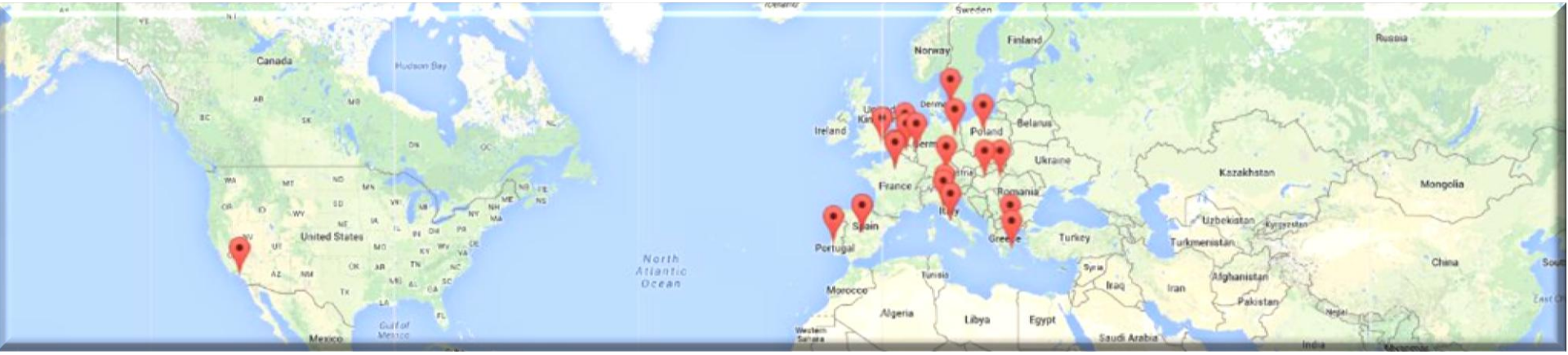
European and Global View

ESFRI 2016

- The proposal for a European Research Infrastructure on Heritage Science will be applied to the ESFRI call for the new roadmap 2016.
- Kick-off meeting: Rome, November 6th
- Several research communities of HS are involved
- The Cultural Heritage community is providing the “background experience” as advanced community

International cooperation

- More than 20 proposals for affiliation already received from Brazil, Canada, Czech Republic, Spain, Germany, Greece, India, Italy, UK, US, Qatar, Sweden, Taiwan and from the ICCROM-International Centre for the Study of the Preservation and Restoration of Cultural Property



H2020: IPERION CH 2015-2019

luca.pezzati@cnr.it

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DARIAH-IT

it.dariah.eu

…thank you for your attention!