

International Symposium on Heritage Science: the Role of Research Infrastructures

December 3-4, 2018, Mexico City, Mexico

Organized by



The **International Symposium on Heritage Science: the Role of Research Infrastructures** is co-organised by the Integrated Platform for the European Research Infrastructure on Cultural Heritage (IPERION-CH), the European Research Infrastructure for Heritage Science (E-RIHS PP), the National Laboratory of Sciences for Research and Conservation of Cultural Heritage (LANCIC) and the Mexican CONACYT Network of applied Sciences for Research and Conservation of Cultural Heritage (CAICPC Network) with support of the Institute of Physics of the Universidad Nacional Autonoma de Mexico (UNAM) and the National Council for Science and Technology of Mexico (CONACYT) on December 3-4, 2018 in Mexico City, Mexico.

It will bring together policy makers from Europe (EU) and Latin America and Caribbean – (LAC), researchers from prestigious institutions and managers of research infrastructures of global relevance.

The participants will have the opportunity to:

- Discover the landscape of heritage science in Latin America and Caribbean and Europe,
- Identify cooperation opportunities offered by the European Union Horizon 2020 Framework Programme for Research and Innovation,
- Explore best practice in bilateral cooperation
- Learn about access to Mexican and European research infrastructures: large scale, mobile, archive and data facilities
- Get to know about projects on data and heritage science, innovative instruments and methods for integrated approaches to HS analysis and diagnostics, advancing diagnostics for intervention in conservation, HS education and training
- Discuss the way forward for LAC/EU cooperation in Heritage Science.

This meeting may be streaming and recording to promote its diffusion between the members of these networks and projects.

English will be the official language of the meeting.



December 3, 2018 – Jaidar Auditorium, Institute of Physics UNAM

8:30 Registration

9:00 Welcome and Overview

9:00-9:20 Welcome words

Dr. Manuel Torres, Director of Institute of Physics UNAM (IF-UNAM)

9:30- 9:40 Overview of the Symposium

Jose Luis Ruvalcaba, LANCIC IF UNAM (MX)

9:40-10:00 Horizon 2020 “Open to the World”: the EU/LAC scientific cooperation

Aurélie Pachkoff-Singh, APRE (IT)

10:00-10:20 International dimension of research infrastructures

Monique Bossi, CNR (IT)

10:20 Keynotes: Landscape of Heritage Science in Latin America and Europe

Chair: Aurélie Pachkoff-Singh, APRE (IT)

10:20-10:50 The European landscape and research infrastructures for heritage science

Luca Pezzati, Coordinator of IPERION CH, National Research Council of Italy (IT)

10:50-11:20 Mexican landscape and research infrastructures for heritage science

Jose Luis Ruvalcaba, LANCIC IF UNAM (MX)

11:20-11:50 Coffee Break

11:50-13:20 Roundtable: Exploring best practices in bilateral cooperation: How do we make our collaborations more effective?

Chair: Jose Luis Ruvalcaba, LANCIC UNAM (MX)

Panelists:

- Luca Pezzati, CNR (IT)
- Emilio Cano, CSIC (Sp)
- Tibor Kun, BNC-Wigner (Hungary)
- Luis Barba, IIA-UNAM (MX)
- Tom Learner, Getty C.I. (USA)

13:20-15:00 Lunch break /coffee



15:00 Access to heritage Science research infrastructures

Chair: Emilio Cano, CSIC (Sp)

15:00-15:30 FIX Labs: Access to Mexican facilities and instrumentation

Ana María Soler IG-UNAM / Alejandro Mitrani LANCIC IF-UNAM / Efrain Chávez or
Corina Solis LEMA IF UNAM

15:30-15:50 FIXLAB: Access to large scale facility

Tibor Kun, BNC-Wigner (Hungary)

15:50-16:10 Mobile Labs: Access to Mexican facilities and instrumentation

Luis Barba IIA-UNAM / Edgar Casanova CONACYT LANCIC IF UNAM

16:10-16:50 MOLAB: Access to mobile facility and ARCHLAB: Access to digital facility

Raffaella Fontana, CNR (IT)

16:50-17:10 DIGILAB: Access to archive facility

Luca Pezzati, CNR (IT)

17:10-18:00 Open discussion

18:00-18:15 Closing Remarks

Luca Pezzati, Coordinator of IPERION CH, CNR (IT)

Jose Luis Ruvalcaba, LANCIC UNAM (MX)

December 4, 2018 – Jaidar Auditorium, Institute of Physics UNAM

8:30 Registration

9.00 Welcome and overview of the sessions

Jose Luis Ruvalcaba, LANCIC IF-UNAM (MX)

9:10-9:30 Data and heritage science

Renato Gonzalez LANCIC IIE UNAM (MX)

9:30-10:10 Innovative instruments and methods for integrated approaches to CH analysis and diagnostics

Marta Castillejo, CSIC (ES)

Some applications of digital technologies for cultural heritage –
Leopoldo Ruiz, LN MADIT ICAT UNAM (MX)

10:10-10:50 Good practice and highlights for joint laboratories

The National Research Council laboratory and Opificio delle Pietre Dure restoration
and conservation institute - Raffaella Fontana, CNR (IT)

CODICE Laboratory - Armando Arciniega CNCPC-INAH (MX)

10:50-11:20 Coffee Break

11:20-12:00 Advancing diagnostics for intervention in conservation

The 3D tomography and additive manufacturing in archaeology –
Michael Vopalensky, CAS (CZ)

Diagnostics and conservation studies in the National Museum of Anthropology –
Laura Filloy, MNA – INAH (MX)

12:00-12:40 Education & Training

Michael Vopalensky, CAS (CZ)

Elsa Arroyo LANCIC IIEUNAM (MX) / Isabel Medina ENCRYM-INAH (MX)

12:40-13:30 Open Discussion

13:30-15:00 Lunch break /coffee

15:00-16:30 Roundtable: The way forward for LAC/EU cooperation in Heritage Science

Chair: Luca Pezzati, Coordinator of IPERION CH, CNR (IT)

Panelists:

- Michael Vopalensky, CAS (CZ)
- Tibor Kun, BNC-Wigner (Hungary)
- Marta Castillejo, CSIC (ES)
- Jose Saniger, Research and Development, CIC-UNAM (MX)
- Luis Barba, IIA-UNAM (MX)
- Jose Luis Ruvalcaba, LANCIC IF-UNAM (MX)

16:30-17:15 Open discussion**17:15-17:30 Closing Remarks**

Luca Pezzati, Coordinator of IPERION CH, CNR (IT)

Jose Luis Ruvalcaba, LANCIC IF-UNAM (MX)

17:30-18.00 Networking**December 5, 2018****10:00 Visit to the National Museum of Anthropology**