

International Symposium on
Heritage Science: the Role of Research Infrastructures

November 29-30, 2018

Auditorium 102 - Didactic Activities Center 2 (CAD 2)
Federal University of Minas Gerais - Campus Pampulha
Av. Antônio Carlos, 6627 - Belo Horizonte, Brazil
lacicor.eba.ufmg.br/antecipa

Promoted by



In partnership with



And



The International Symposium on **Heritage Science: the role of research infrastructures** is co-organised by IPERION-CH, E-RIHS PP and the Federal University of Minas Gerais on November 29-30, 2018, Belo Horizonte, Brazil.

It will bring together policy makers from Europe and South America (Brazil, Argentina, ...), researchers from prestigious institutions and managers of research infrastructures of global relevance.

The participants will have the chance to

- discover the landscape of heritage science in South America 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 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 South American/EU cooperation in Heritage Science

November 29, 2018

Location: Didactic Activities Center 2 (CAD2) - UFMG

8:30 Registration

9:00 Welcome and Overview

9:00-9:10 Welcome words

Cristiano Gurgel Bickel - Director of School of Fine Arts - UFMG (BR)

9:10-9:20 Overview of the Symposium

Willi B Gonçalves (Federal University of Minas Gerais, Brazil)

9:20-9:40 Horizon 2020 "Open to the World": the EU/South America scientific cooperation
International dimension of research infrastructures

Aurélie Pachkoff-Singh, APRE (IT)

09:40 Keynotes: Landscape of Heritage Science in South America and Europe

Chair: Aurélie Pachkoff-Singh, APRE (IT)

09:40-10:10 The European landscape and research infrastructures for heritage science

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

10:10-10:30 The Brazilian landscape and research infrastructures for heritage science

Luiz AC Souza (Federal University of Minas Gerais, Brazil)

10:30-10:45 The role of ANTECIPA in Brazilian heritage science

Thais Sanjad (Federal University of Pará, Brazil)

10:45-11:15 Break

11:15-12:30 Exploring best practices in bilateral cooperation: How do we make our collaborations more effective?

Chair: Carlos R Appoloni (Londrina State University, Brazil)

Panelists:

- *Luca Pezzati, CNR (IT)*
- *Prof. Carlos Basílio Pinheiro - Deputy Director for Research - UFMG (BR)*

12:30 – 13:30 Lunch break

Partners of



IPERION CH

- 13:30** **Access to heritage Science research infrastructures**
Chair: Antonio Candeias - University of Evora (PT)
- 13:30-14:30 ARCHLAB and MOLAB - Access to mobile and archive facilities
Brunetto Brunetti, UNIPG (It)
- 14:30-15:00 FIXLAB - Access to large scale facility
Tibor Kun, BNC-Wigner (Hungary)
- 15:00-15:30** **Break**
- 15:30-16:00 DIGILAB - Access to digital facility
Emiliano degli Innocenti, CNR (IT)
- 16:00-16:30 Open discussion
- 16:30-16:40** **Closing Remarks** by Luca Pezzati, Coordinator of IPERION CH, CNR (IT)
- 16:40** **End of day one**



With the support of the IPERION CH project
funded by the European Commission H2020-INFRAIA-2014-2015 under Grant No. 654028

November 30, 2018 – Didactic Activities Center 2 (CAD2) - UFMG

8:30 **Registration**

9.00 **Welcome and overview of the sessions**

Luca Pezzati, CNR (IT)

9:15-9:45 **Data and Heritage Science**

Emiliano degli Innocenti, CNR (IT)

Bismarck Vaz da Costa - Scientific Computing Laboratory (LCC) - (UFMG - BR)

9:45-10:15 **Innovative instruments and methods for integrated approaches to CH analysis and diagnostics**

Dalva Lúcia Faria (USP - BR)

Ana Maria de Paula, UFMG (UFMG - BR)

10:15-10:45 **Break**

10:45-11:15 **Good practices and highlights for joint laboratories**

The National Research Council laboratory and Opificio delle Pietre Dure restoration and conservation institute - *Luca Pezzatti, CNR (IT)*

Ado Jório Vasconcelos, Physics Department - UFMG (BR)

11:15-11:45 **Advancing diagnostics for intervention in conservation**

The 3D tomography and additive manufacturing in archeology - *Michal Vopalensky, CAS (CZ)*

Karla Balzuweit, Microscopy Center / Physics Department - UFMG (BR)

11:45-12:15 Education & Training

Michal Vopalensky, CAS (CZ)

Fernando Marte (Universidad San Martin - Argentina)

12:15-12:30 Open Discussion

12:30-13:30 Lunch

13:30-15:00 - Interactive panel - Selected panelists, live broadcast, online written questions

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

Antonio Candeias - University of Evora (PT)

Luiz Souza - UFMG (BR)

Thais Sanjad - UFPA (BR)

Invited panelists with online participation

Logistics: Panel will be transmitted online over <https://goo.gl/UhQZQU>

Questions can be submitted online over <https://www.facebook.com/lacior.cecor/>

15:00-15:30 Break

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

Moderator: Luiz A. C. Souza, UFMG (BR)

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

Antônio Candeias - Hercules Lab Evora University (PT)

Emiliano Degl'Innocenti CNR (IT)

Fernando Marte, Universidad San Martin (AR)

Open discussion

16:30-16:45 Closing Remarks

Luiz A. C. Souza (Federal University of Minas Gerais, Brazil)

Luca Pezzati, CNR (IT)