

## Un patrimoine pour l'avenir, une science pour le patrimoine

Heritage for the Future, Science for Heritage

## Une aventure européenne de la recherche et de l'innovation

A European Adventure for Research and Innovation

## Colloque / Symposium

15 - 16 Mars 2022 / March 15 - 16, 2022

Louvre / Bibliothèque nationale de France / PARIS

Un événement organisé dans le cadre de la présidence française du Conseil de l'Union européenne\*

















This event is not organised by the French Government.

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## **TUESDAY 15 MARCH 2022**

#### The Musée du Louvre

Ecole du Louvre, Centre for Research and Restoration of Museums of France (C2RMF)

From 08:15	Registration and welcome coffee							
09:30 - 10:15	Welcome addresses Musée du louvre - Michel Laclotte Auditorium							
10:15 - 10:30	Introductory keynote speech Musée du louvre - Michel Laclotte auditorium							
10:30 - 11:30	Preserving and mobilising cultural heritage in the face of climate change: the role of research and innovation in an emergency context. <b>Plenary session 1</b> MUSÉE DU LOUVRE - MICHEL LACLOTTE AUDITORIUM							
11:30 - 12:15	Coffee break							
12:15 - 13:15	Heritage science and digital transformation: challenges and opportunities. <b>Plenary session 2</b> MUSÉE DU LOUVRE - MICHEL LACLOTTE AUDITORIUM							
13:15 - 14:45	Lunch							
14:45 - 15:45	The ever-expanding domain of patrimonialisation: challenges and perspectives. MUSÉE DU LOUVRE MICHEL LACLOTTE AUDITORIUM	Round Digital modelling: development and application of complex tools.	tables Towards new experience of heritage: reflections on innovative mediations. ECOLE DU LOUVRE MICHEL-ANGE AMPHITHEATRE	Preserving cultural heritage: new materials and innovative technologies in perspective. <u>CZRMF</u> PALISSY AUDITORIUM				
16:10 - 17:20	Round tables							
	Building the future in the light of the past: the social, economic, political and educational value of cultural heritage. MUSÉE DU LOUVRE MICHEL LACLOTTE AUDITORIUM	Urban transformation and heritage in the light of political and societal issues. ECOLE DU LOUVRE DÜRER AMPHITHEATRE	Identity and social issues: identifying, interpreting, transmitting. ECOLE DU LOUVRE MICHEL-ANGE AMPHITHEATRE	Adapting cultural heritage to climate change: from risk assessment to the implementation of solutions. C2RMF PALISSY AUDITORIUM				
From 17:20	Coffee break							

#### Social event - The Centre Pompidou

A social event will be held at the Centre Pompidou on the evening of March 15 for on-site participants to share a convivial moment. Journalists who wish to participate must contact the press officer



## WEDNESDAY 16 MARCH

## Bibliothèque nationale de France (BnF) - François Mitterrand site National library of France

From 08:00	Registration and welcome coffee							
	Round tables							
09:00 - 10:00	From decline to revival: cultural heritage and urban regeneration.	me cultu	hen culture eets nature: ral landscapes n question. ROOM 70	Challenges and perspectives for the sustainable rehabilitation and renovation BELVÉDÈRE 1		Tangible heritage and green conservation: practices in question. BELVÉDÈRE 2		
	Round tables							
10:20 - 11:20	Towards inclusive and socially engaged heritage practices.		frame and pr for a sus manag	neritage: works actices stainable ement. M 70		Learning from he past: mobilising cultural heritage a sustainable future.		
44.00 44.55								
11:20 - 11:55	Coffee break							
11:55 - 12:05	Welcome address by the official representatives							
12:05 - 13:05	Training heritage stakeholders: challenges and prospects. <b>Plenary session 3</b>							
13:05 - 14:15	Lunch							
14:15 - 15:15	Cultural and creatives industries, a new field of application for heritage science. <b>Plenary session 4</b>							
15:15 - 16:15	The contribution of heritage science to the New European Bauhaus. <b>Plenary session 5</b>							
16:15 - 17:30	Heritage science, what perspectives in France and in Europe? <b>Summary of the key messages and closing session</b>							
17:30 - 18:30	Farewell drink							

A reflective heritage for a resilient society

Sustainable management of cultural heritage

Cultural heritage in a changing context

Cultural heritage facing climate and environmental change

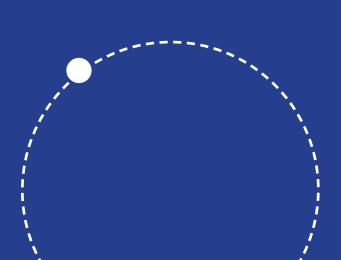
## **TUESDAY 15 MARCH 2022**

**The Musée du Louvre** Ecole du Louvre, Centre for Research and Restoration of Museums of France (C2RMF)

**KEYNOTE SPEECH** 

## **Christian EHLER**

German member of the European Parliament for the EPP Group Rapporteur on Horizon Europe legislation



## Sarah HUGOUNENQ

MODERATOR

Plenary session 1:

Preserving and mobilising cultural heritage in the face of climate change: the role of research and innovation in an emergency context.

#### Johanna LEISSNER

Scientific Representative for Fraunhofer, Chair of the European Union Open Method of Coordination (OMC) Group «Cultural Heritage Resilience for Climate Change», Member of European Union Expert Group «Cultural Heritage», German Research Alliance Cultural Heritage and Fraunhofer Sustainability Network.

#### Frank McGOVERN

Chief Climate Scientist at Environmental Protection Agency (EPA) Ireland, Chair of the European Joint Programming Initiative JPI Climate.

#### **Giuseppina PADELETTI**

Research Director at the National Research Council (CNR), Italy.

#### **Andrew POTTS**

Coordinator, Climate Heritage Network Secretariat.

#### Katherine WARREN

Head of History, Heritage, Languages and Literature, Arts and Humanities Research Council (AHRC), United-Kingdom, Vice-Chair of the European Joint Programming Initiative JPI Cultural Heritage.

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Plenary session 2:

# Heritage science and digital transformation: challenges and opportunities.

#### **Livio DE LUCA**

Research Director at the National Centre for Scientific Research (CNRS), France. Director of the Models and Simulations for Architecture and Heritage laboratory (MAP).

#### Sorin HERMON

Associate Professor at the Cyprus Institute.

#### **Roberto SCOPIGNO**

Director of the Institute of Information Science and Technologies, National Research Council (ISTI-CNR), Italy.

#### Martin ZAVESKY

Digital Strategy Officer, Staatliche Kunstsammlungen Dresden, Germany.



A reflective heritage for a resilient society

## The ever-expanding domain of patrimonialisation: challenges and perspectives.

MODERATOR

#### Marija DREMAITE

Professor and a Chair of Cultural Heritage Master studies programme. Vilnius University, Lithuania.

#### Cecilia BEMBIBRE

Lecturer in Sustainable Heritage, Institute for Sustainable Heritage, University College London, United-Kingdom. Member of the Horizon 2020 Odeuropa project.

#### **Stéphane CHAUDIRON**

Professor in Information and Communication Sciences at Lille University. Member of the GERiiCO laboratory, France.

#### **Aymeric GAUBERT**

Doctoral Student in History and Art History, University of Tours - Centre d'Études Supérieures de la Renaissance, France.

#### Marco ROMAGNOLI

Doctoral Student in Ethnology and Heritage, Laval University, Québec, Canada.



## Digital modelling: developement and application of complex tools.

#### MODERATOR

#### **Xavier RODIER**

Director of the Maison des Sciences de l'Homme Val de Loire, HDR Research Engineer at the National Centre for Scientific Research (CNRS), France. Member of the Archéologie et Territoires Laboratory (CITERES).

#### **Emanuel DEMETRESCU**

Researcher at the Institute of Heritage Science, National Research Council (ISPC-CNR), Italy.

#### Armita EGHBALI

MSc Student in Conservation and Regeneration of Architectural Heritage, Tehran University, Iran.

#### **Elena GIGLIARELLI**

Researcher at the Institute of Heritage Science, National Research Council (ISPC-CNR), Italy.



## Towards new experiences of heritage: reflections on innovative mediations.

MODERATOR

#### Ana AMENDOEIRA

Regional Director of Culture, Regional Committee of UNESCO, Ministry of Culture, Portugal.

#### Alessandra MARASCO

Senior Researcher at the Institute for Research on Innovation and Services for Development, National Research Council (IRISS-CNR), Italy.

### Marie-Alix MOLINIÉ-ANDLAUER

Post-Doctoral Fellow in Digital Humanities. Attached to GRESEC at Grenoble-Alpes University, Member of the Laboratory «Médiations - sciences des lieux, sciences des liens», Sorbonne University, France.

#### Sylvie SAGNES

Researcher at the National Centre for Scientific Research (CNRS) in Ethnology, UMR Héritages (CY, CNRS, MC), France.

#### **Philippe VENDRIX**

Research Director at the National Centre for Scientific Research (CNRS) in Musicology, France.



## Preserving cultural heritage: new materials and innovative technologies in perspective.

MODERATOR

#### Isabelle PALLOT-FROSSARD

General Heritage Curator, President of the Foundation for Heritage Science, France.

### **Bertrand LAVÉDRINE**

Professor at the National Museum of Natural History, Paris, France.

#### **Dominique MARTOS-LEVIF**

Research Engineer and Head of the painting restoration workshops, Centre for Research and Restoration of Museums of France (C2RMF).

#### **Delphine NEFF**

Research Director at the Alternative Energies and Atomic Energy Commission (CEA), France.

#### Ina REICHE

Research Director in the Chemistry of Ancient Materials, Director of the FR3506 New AGLAE (CNRS - Ministry of Culture), France.



A reflective heritage for a resilient society

## Building the future in the light of the past: the social, economic, political and educational value of cultural heritage.

MODERATOR

#### **François ROBINET**

Historian and Lecturer at the University of Versailles-Saint-Quentin-en-Yvelines (UVSQ), Director of the Graduate School Humanities - Heritage Science of the University of Paris-Saclay, Member of the Centre d'histoire culturelle des sociétés contemporaines, France

#### **Alain BLAYO**

Auto-entrepreneur and Communication Advisor, France.

#### Tor Einar FAGERLAND

Associate Professor at the Norwegian University of Science and Technology, Norway.

#### **Carlo GUADAGNO**

Independent Researcher and Climate Change Activist.

#### **Stéphane OLIVESI**

Professor at Paris-Saclay University (UVSQ), Centre d'histoire culturelle des sociétés contemporaines (CHCSC), France.

#### **Zoi TSIRTSONI**

Researcher at the National Centre for Scientific Research (CNRS), Joint laboratory Archéologies et Sciences de l'Antiquité, Nanterre, France.

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Cultural heritage in a changing context

# Urban transformation and heritage in the light of political and societal issues.

MODERATOR

#### **Marie GAILLE**

Director of the Institute of Humanities and Social Sciences (InSHS), National Centre for Scientific Research (CNRS), France.

#### Elisa BROCCOLI

Post-Doctoral Research Fellow in Archaeology and Post-Classical Antiquities, Florence University, Italy.

#### **Rachel MEIN**

Architecture MSc Student at the Technical University of Delft, The Netherlands.

#### Milena VUKMIROVIĆ

Associate Professor in Urban Design, Belgrade University, School of Forestry, Serbia.



A reflective heritage for a resilient society

## Identity and social issues: identifying, interpreting, transmitting.

MODERATOR

#### **Neil FORBES**

Professor and Director for Creative Cultures, Coventry University, United-Kingdom.

#### **Inger BIRKELAND**

Professor in Human Geography at University of South-Eastern Norway.

#### Maja GORI

Researcher at the Institute of Heritage Science, National Research Council (ISPC-CNR), Italy.

#### **Anne HERTZOG**

Lecturer in Geography at CY Cergy Paris University, MRTE laboratory, France.

## Valérie TESNIÈRE

Director of La Contemporaine, Paris Nanterre University, France.



Cultural heritage facing climate and environmental change

## Adapting cultural heritage for climate change: from vulnerability assessment to climate planning.

MODERATOR

### Matija STRLIČ

Professor of Heritage Science at University College London, United-Kingdom. Professor of Analytical Chemistry at University of Ljubljana, Slovenia.

#### **Ann BOURGÈS**

Conservation Scientist, Centre for Research Fellow and Restoration of Museums of France (C2RMF).

#### **Greta BRUSCHI**

Architect and Research Fellow at luav University of Venice, Italy.

#### Luiz Antônio CRUZ SOUZA

Professor in Conservation Science, Federal University of Minas Gerais (UFMG), Belo Horizonte, Brazil.

### Aitziber EGUSQUIZA

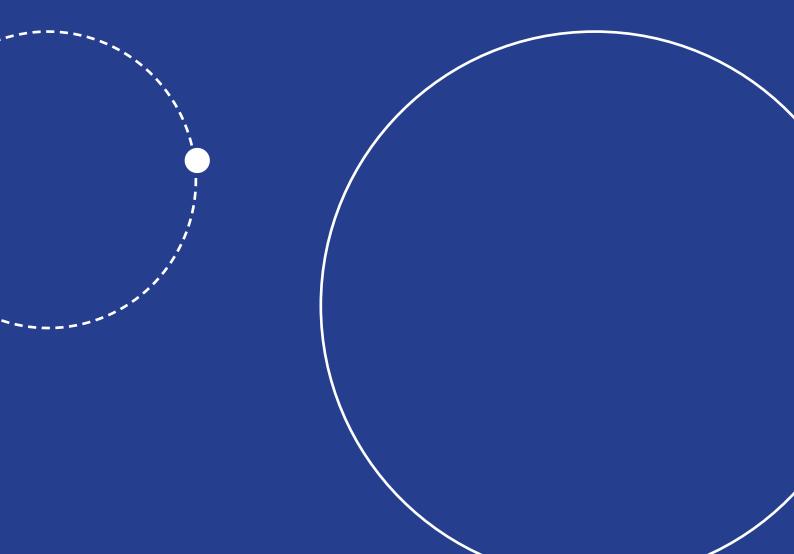
Senior Researcher at Tecnalia, Spain.

## Paloma GUZMAN

Doctoral Student, Department of Heritage and Society at the Norwegian Institute for Cultural Heritage Research (NIKU), Norway.

## WEDNESDAY 16 MARCH 2022

Bibliothèque nationale de France (BnF) François Mitterrand Site





Cultural heritage in a changing context

## From decline to revival: cultural heritage and urban regeneration.

MODERATOR

#### Albert NOUMOWÉ

University Professor, Director of the Institute of Science and Technology, CY Cergy Paris University, France.

**Branislav ANTONIĆ** Teaching Assistant, Belgrade University, Faculty of Architecture, Serbia.

#### Alix DE LA GAIGNONNIÈRE

PhD Researcher and Teacher, Ecole normale supérieure (ENS), France.

#### Miguel RIVAS

Founding partner of the TASO Group.

#### Varvara TOURA

PhD Student in Geography and Planning, EHESS/Géographie-Cités, France.



Cultural heritage in a changing context

## When culture meets nature: the cultural landscapes in question.

#### MODERATOR

#### **Eva SVENSSON**

Archaeologist and Professor in Environmental Sciences at Risk and Environmental Studies, Karlstad University, Sweden.

#### João DUARTE

PhD Student and Contractual Teacher, Jean Monnet University, France.

#### Méghane DUVEY

Scientific and Conservation Officer, Conservation départementale de Vaucluse, France.

#### **Bérénice GAUSSUIN**

Heritage Architect, Associate Professor (ENSA Paris-Malaquais), Researcher at the Infrastructure Architecture Territory Laboratory (LIAT), France

#### **Menne KOSIAN**

Spatial Analysis Researcher, Cultural Heritage Agency of the Netherlands.



Cultural heritage facing climate and environmental change

## Challenges and perspectives for the sustainable rehabilitation and renovation of built heritage.

MODERATOR

#### **Koenraad VAN BALEN**

Professor at KU Leuven, Department of Civil Engineering, Director of the International Centre for Conservation Raymond Lemaire. Holder of the UNESCO Chair on preventive conservation, monitoring and maintenance of monuments and sites, Co-initiator of HERKUL - Institute for Cultural Heritage of the KU Leuven, Belgium.

#### **Dorian BIANCO**

PhD Student at the André Chastel Centre and Sorbonne University, France.

#### **Julien CORREIA**

Architect and Researcher at de Jean-Marin Architectes, Paris, France, Associate Researcher IPRAUS / UMR AUSser (CNRS). MCFA ENSA de Bretagne (TPCAU), France.

#### Joana DOS SANTOS GONÇALVES

Architect and Lecturer in Heritage and Sustainability, Faculty of Architecture and the Built Environment, Technical University of Delft, The Netherlands.

#### Nathalie VERNIMME

Research Programme Advisor at Flanders Heritage Agency, Belgium.



## Tangible heritage and green conservation: practices in question.

MODÉRATEUR

#### **Charles PERSONNAZ**

Director of the Institut national du patrimoine (INP), France.

#### **Myriame ALI-AOUALLA**

Post-Doctoral Researcher, Bordeaux University (I2M) - ENSAPBX (PAVE), France. Architect D.E.

#### **Aline MAGNIEN**

General Heritage Curator, Laboratoire de recherche des monuments historiques (LRMH), France.

### Beatriz MENÉNDEZ-VILLAR

Lecturer at the Geosciences and Environment Department of CY Cergy Paris University, France.

#### Mathilde MONACHON

Post-Doctoral Researcher at Neuchâtel University, Switzerland.



A reflective heritage for a resilient society

## Towards inclusive and socially engaged heritage practices.

MODERATOR

#### Harald HARTUNG

Head of Unit at the European Commission, Directorate General for Research and Innovation, Unit «Fair Societies and Cultural Heritage».

#### **Sophie CROISY**

Lecturer in North American studies, University of Versailles Saint-Quentin-en-Yvelines (UVSQ)/ Paris-Saclay University, France.

#### Lorna CRUICKSHANKS

Co-founding Editor of Culture Caleidoscoop.

#### **Alessio DEL BUE**

Research Director for PAVIS (Pattern Analysis and computer VISion), Italian Institute of Technology (IIT).

#### **Nathalie NOEL**

Lecturer in Information and Communication Sciences, University of Reunion Island, France.

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## Digital heritage: frameworks and practices for a sustainable management.

MODERATOR

#### **Florent LAROCHE**

Doctor-Engineer, Lecturer at Ecole Centrale de Nantes, France. Researcher at the Research Institute for Communication and Cybernetics of Nantes (IRCCyN).

#### **Vincent DETALLE**

Conservation Research Engineer at the Ministry of Culture. In charge of the laser activities at the Centre for Research and Restoration of Museums of France (C2RMF). Scientific and Technical Coordinator of the ESPADON project.

#### **Sorin HERMON**

Associate Professor at the Cyprus Institute.

#### **Adeline MANUEL**

Research Engineer in 3D Reconstruction, Models and Simulations for Architecture and Heritage laboratory (MAP). National Centre for Scientific Research (CNRS), France.

#### **Marco POTENZIANI**

Researcher at the Visual Computing Laboratory, National Research Council (CNR), Italy.

#### Susanne TIENKEN

Associate Professor and Senior Lecturer in German Linguistics, Stockholm University, Sweden.



Cultural heritage facing climate and environmental change

## Learning from the past: mobilising cultural heritage for a sustainable future.

MODERATOR

#### **Costanza MILIANI**

Senior Researcher at the National Research Council (CNR), Italy.

#### **Emma CANTISANI**

Permanent Researcher at the Institute of Heritage Science, National Research Council (ISPC-CNR), Italy.

#### **Marie-Béatrice FOREL**

Associate Professor at the National Museum of Natural History, Paris, France.

#### **Pierre GRAS**

President of the Association Moulin de l'Arsenal de Rochefort (AMAR), France.

#### Maria-Paloma VILA-VILARIÑO

Independent Architect, Spain.

Sarah HUGOUNENQ

Journalist MODERATOR

Plenary session 3:

## Training heritage stakeholders: challenges and prospects.

#### **Bruno FORMENT**

Principal Investigator at the Orpheus Institute, Belgium.

#### Maria GRAVARI-BARBAS

Professor at Paris 1 Panthéon-Sorbonne University, France. Chair of the UNESCO Chair «Culture, Tourism and Development»; Chair of the Self-Steering Committee for Cultural Heritage of Una Europa University Alliance.

#### Harald HARTUNG

Head of Unit at the European Commission, Directorate General for Research and Innovation, Unit «Fair Societies and Cultural Heritage».

#### **Alison HERITAGE**

Project Manager, Strategic Planning & Research, International Centre for the Study of the Preservation and Restoration of Cultural Property (ICCROM). Plenary session 4 :

## Cultural and creatives industries, a new field of application for heritage science.

#### **Elisabetta AIRAGHI**

Senior Consultant and Project Manager at KEA European Affairs, Belgium.

#### **Bernd FESEL**

Director of the European Creative Business Network (ECBN).

#### Maria KAYAMANIDOU

Deputy Head of Unit at the European Commission, Directorate General for Research and Innovation, Unit «Fair Societies and Cultural Heritage»





**PLENARY SESSIONS** 



 ${\sf Plenary\ session\ 5:}$ 

# The contribution of heritage science to the New European Bauhaus

#### **Mariachiara ESPOSITO**

Policy Officer in charge of Cultural Heritage, Research and Sustainable development, Seconded National Expert at Cultural Policy Unit, European Commission.

#### **Ruth SCHAGEMANN**

President of the Architects' Council of Europe (ACE).

### Isabelle VÉRILHAC

Head of International Affairs and Innovation, Cité du design, Saint-Etienne, France, President of the Bureau of European Design Associations (BEDA), Focal point for Saint-Etienne UNESCO City of Design.

#### MODERATOR

#### Pascal LIÉVAUX

Senior Officer, Department for Research, Valorization and Intangible Cultural Heritage, Delegation for Inspection, Research and Innovation, Directorate-General for Heritage and Architecture, Ministry of Culture, Chair of the European Joint Programming Initiative JPI Cutural Heritage.

### Heritage science, what perspectives in France and in Europe?

### Summary of the key messages

#### **Ghislaine GLASSON-DESCHAUMES**

Research Engineer and Head of Project of the Cluster of excellence Pasts in the Present, University Paris Nanterre, France.

#### **Odile HEYNDERS**

Professor of Comparative Literature, Tilburg University, The Netherlands.

#### **François PERNOT**

Professor of Modern History, Director of the University Research School (EUR) Humanities, Creation, Heritage, CY Cergy Paris University, France.

#### Vania VIRGILI

Director of Technological Research, Institute of Heritage Science, National Research Council (ISPC-CNR), Italy.

## Heritage science, what perspectives in France and in Europe?

### **François GERMINET**

President of  $C\dot{Y}$  Cergy Paris University, France.

#### Isabelle PALLOT-FROSSARD

President of the Foundation for Heritage Science, France.

### Jean-Eric PAQUET

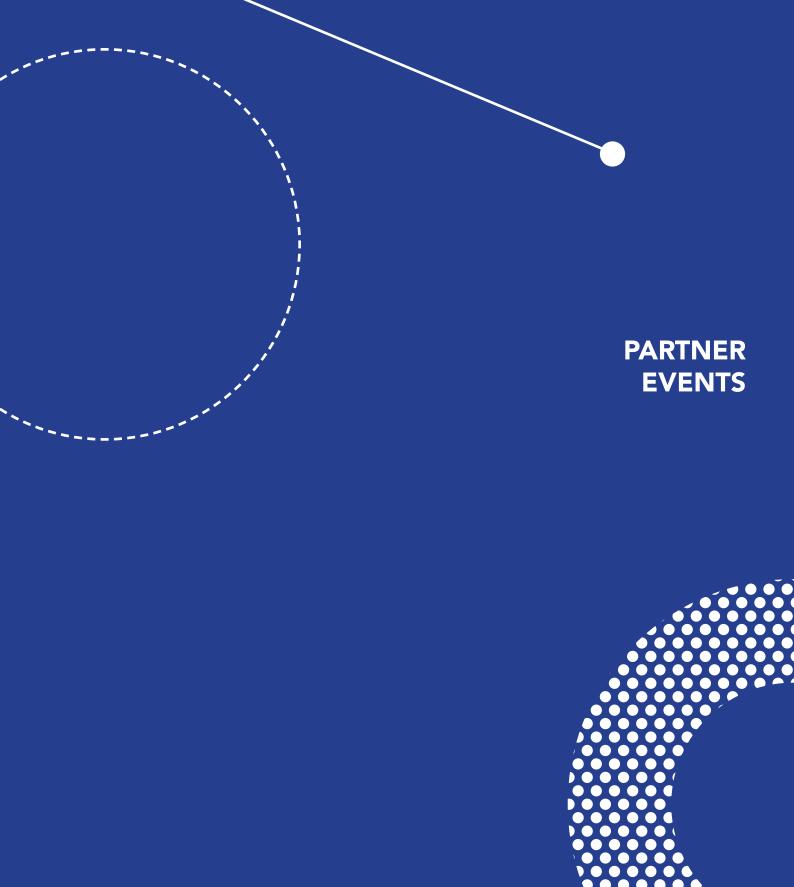
Director-General for Research and Innovation, European Commission.

### **Antoine PETIT**

President of the National Centre for Scientific Research (CNRS), France.

#### Sylvie RETAILLEAU

President of Paris-Saclay University, France.







Versailles Campus Heritage and Craftsmanship of Excellence 18<sup>TH</sup> MARCH 2022 FROM 9 A.M. TO 12 P.M.

Auditorium of the Palace of Versailles

### TEACHING IN A CHANGING WORLD Crafts and the revalorisation of manual skills at the heart of tomorrow's challenges

What is the impact of technological, socio-economic and ecological transitions - accelerated over the last two years by the Covid 19 health crisis - on the value-bearing sectors which are arts and crafts, living heritage and tourism ?

How should training courses evolve in the short and medium term to take this into account ? What models exist in the different European countries ? How can knowledge and know-how be passed on to contribute to the revitalisation of territories and the conquest of international markets ? This event will highlight the links between arts and crafts, living heritage and tourism in a perspective of more sustainable, local and solidarity-based consumption.

Researchers, teachers, students, entrepreneurs, representatives of associations, trade unions and professional federations concerned with the new challenges of responsible management and production and social equity in a sustainable development perspective will be brought together at European level to discuss these issues. This event will be organised in the form of two round tables allowing for crossing paths.

**Contacts:** armelle.weisman@campusversailles.fr & raphaele.bortolin@campusversailles.fr **For more information:** https://campusversailles.fr/

This event will be held in French.

**CAMPU** Versaille

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#### Heritage, research and training

What methods, what expertise, what specific skills are involved in the creation, safeguarding and conservation of heritage - understood as an autonomous object of public policy? What history sheds light on the evolution of these training courses, in relation to that of heritage institutions and universities in France, but also in comparison with other solutions tried and tested by our European neighbours? What is the weight of professional and societal changes in the definition or redefinition of the training offer? What opportunities does the dialogue between research and pedagogy, which is intrinsic to these courses, offer? To what extent does the interdisciplinarity constitutive of any scientific approach in this field of research open the way to the definition or redefinition of an original and singular episteme? How does the development of new degree courses allow for the realization of innovative projects in the service of heritage? What new perspectives, finally, does the extension of training to the European space bring: mobility, transnational graduation, etc.?

To answer all these questions, the **École nationale des chartes-PSL**, with the support of the **Fondation des Sciences du Patrimoine**, and in the continuity of the Conference «A heritage for the future, a science for heritage», invites French and European actors from higher education and research establishments and heritage and cultural institutions to exchange and debate on 17 and 18 March 2022.

After an inaugural lecture by Olivier Poncet, professor at the École nationale des chartes, a first session of interventions will approach the history of the constantly changing relationships between institutions, objects and disciplines.

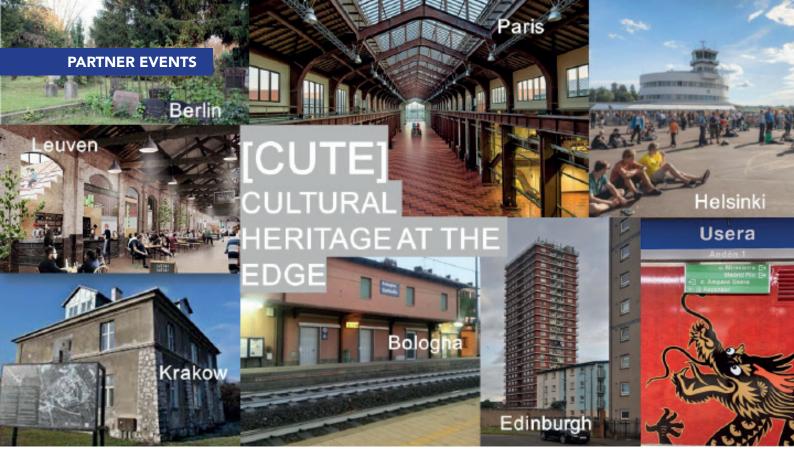
The afternoon of 17 March will be dedicated to the institutional and professional changes that training courses must take into account today, and will give the floor to training managers as well as professionals from heritage institutions, around two round tables, devoted to the fields and professionalizing pedagogies, on the one hand, and to the question of heritage in the digital age, on the other.

On the morning of 18 March, a session will be held focusing on the relationship between research and training in the field of heritage. It will shed light, in the form of round tables, on the issues and epistemological positions involved in the development of training in this field at the graduate level, and will then give the floor to doctoral students or young PhDs.

Finally, the last session, on the afternoon of 18 March, will bring together, before the closing conference, several actors - teachers, students, heads of training programmes - from France and Europe who are involved in the creation of European courses and who are likely to shed light on the contribution of the internationalisation of training to the construction of a Europe of Heritage.

**Contact:** communication@chartes.psl.eu

For more information: https://www.chartes.psl.eu/fr/actualite/patrimoine-recherche-formations



Workshop MARCH 17-18, 2022

### CULTURAL HERITAGE AT THE EDGE (CUTE). Stakes and opportunities of cultural heritage revitalization in European urban fringes

Urban fringes in European metropolises incorporate industrial areas, factory buildings, storage areas and warehouses, transport infrastructure, tenements, social housing, modern residential architecture. They offer aggregations of heterogeneous urban forms and styles. They have been the settling ground of newcomer populations arriving from former colonies, from the countryside or from recent immigration, and possess intangible heritages that reflect the social and cultural mix of their inhabitants, built around toponymy, ceremonies or arts and crafts.

Usually considered as the 'city's backyards' urban fringes are crucial for contemporary metropolization and are attracting a new interest from national, regional and local governments, private investors and local communities. They are the theatre of diverse social processes and reconfigurations. These processes involve formal, functional and symbolic changes that include the formulation of new uses of public space, the creation of new landmarks, references or heritage symbols; and they offer the potential for renewed and more inclusive understanding of (often contested and dissonant) cultural heritage, transforming the current metropolitan uneven geographies.

The workshop CULTURAL HERITAGE AT THE EDGE (CUTE). Stakes and opportunities of cultural heritage revitalization in European urban fringes presents the results of a research carried in the framework of 8 Una Europa Universities (https://www.una-europa.eu/) in 8 European cities and metropolises (Berlin, Bologna, Edinburgh, Helsinki, Krakow, Leuven, Madrid, Paris). It builds on cross- and interdisciplinary methodologies. It aims at presenting a systematic overview of the challenges of tackling the cultural heritage of urban fringes ; a critical analysis of the approaches of local stakeholders; as well as an agenda for future actions.

**Contact:** maria.gravari-barbas@univ-paris1.fr **For more information:** https://cute.sciencesconf.org/