



innova

virtual archaeology

international network





researched and documented cultural heritage

preserved and protected cultural heritage



presented and interpreted
cultural heritage

managed and sustainable
cultural heritage



Cultural Heritage
in the digital age

Smart Heritage

INNOVA

Virtual Archaeology International Network



INNOVA Network

objective



In the Council of 26th November 2009, the EU Council and the Representatives of the Governments of the Member States, emphasized the need to bridge the cultural gap between education- in the sense of teaching, learning and the transmission of socio-cultural values and research and innovation in the business. There is also a need to improve communication and mobility between the world of teaching and research and the world of business and the general economy, promoting mobility and exchange of ideas between the different academic and research disciplines.

In the III International Forum of Virtual Archaeology, Archaeological 2.0, held in 2011 in Seville, was presented the international subsidiary society of **SEAV, Virtual Archaeology International Network (INNOVA)**. This technology network was born with the intention to integrate all university research groups, research centers, institutions, companies and professionals, who want to join a community of excellence, that ratifies and pursues the precepts of the International Principles of Virtual Archaeology, **Principles of Seville**, specification of **The London Charter** and distinguished by its good practices.

The main objective of the Network is to promote coordinated **research, innovation** and **training** among all researchers around the world, working in the field of Virtual Archeology, forging closer links between those who develop their work in public institutions and those who do so from the private sector





INNOVA Network

creation



ALONZO C. ADDISON, UNESCO WORD HERITAGE CENTER,
JEAN-LOUIS LUXEN, GENERAL EXSECRETARY OF ICOMOS,
ALFREDO GRANDE LEÓN AND VÍCTOR LÓPEZ-MENCHERO BENDICHO,
SEAV/INNOVA

For its creation we have started from a renowned hard core that formed the initial international network of INNOVA Center. These founding members were:

- **CULTNAT, Center for Documentation of Cultural and Natural Heritage,** 
Cairo. Egypt.
- **ENAME CENTER, Ename Center For Public Archaeology And Heritage Presentation,** 
Ename. Belgium.
- **VWHL, Virtual World Heritage Laboratory,** 
University of Virginia. USA.
- **INNOVA Center, European Center for Innovation in Virtual Archaeology,** 
Seville. Spain.

Two years later, we are an international network of Virtual Heritage Centres established in more than twelve countries.

It is only together that we can build the *future Virtual Archaeology.*



INNOVA Network

action one



<http://www.seavtraining.com/>

in collaboration



action one
international
training



<http://www.seavtraining.com/masterinnova.html/>



<http://www.seavtraining.com/estudiosmaster.html/>



<http://www.seavtraining.com/programaestudio.html/>

INNOVA Network

action two



<http://www.virtualarchaeology.net/innova-2research/>

in collaboration



action two
international
research

2



<http://ec.europa.eu/programmes/horizon2020/>

INNOVA Network

action three



<http://www.sevilleprinciples.com/>

in collaboration



action three
international
innovation



<http://www.londonchapter.com/>

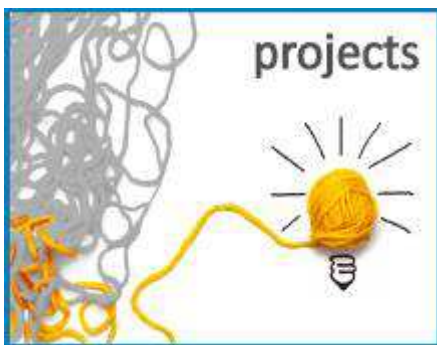


<http://www.sevilleprinciples.com/>

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INNOVA Network

action four



action four
international
projects

4

in collaboration



INNOVA CENTER

European Center for Innovation in Virtual Archaeology



INNOVA Center

objective



The European Center for Innovation in Virtual Archaeology, INNOVA Center, is a common space for innovation and the development of Knowledge, through the use of new technologies for research, conservation and promotion of International Cultural Heritage (free, no annual fees).

The conceptual design of the same, its workspaces and its formulation nexus of the international network of **Virtual Archaeology and Cultural Heritage Centers, Virtual Archaeology International Network, INNOVA**, make it a representative example of Intelligent Center and transnational platform of knowledge, research and sustainable training optimized based on the development of ICT.

We intend to...

- BE an *Intelligent Center* model that brings together international research groups, universities, institutions and companies that develop a work of excellence in the field of Virtual Archaeology and Cultural Heritage.
- BE an International knowledge platform that promotes innovation and transnational entrepreneurship: In elite scientific research, efficiently technological development, in new research methodologies and in excellence professional training.

Because we want...

- TO CONTRIBUTE effectively to the future of Archaeology and Cultural Heritage in the Digital Age.



INNOVA Center

VA international centers

INNOVA Center, is a satellite cluster whose basic objective is to promote and fully manage the creation of the international network of Virtual Archaeology and Cultural Heritage Centers, INNOVA.



The Center accommodates international innovation unique projects applied to Virtual Archaeology and Cultural Heritage from very different natures, methodological base, tourism innovation, local development, etc., counting with a large multidisciplinary satellite working team.

INNOVA Center



AUSTRIA, BANGLADESH, BELGIUM, CHINA, CYPRUS, CUBA, EGYPT, FRANCE, GREECE, IRELAND, ITALY, LITHUANIA, MEXICO, NORWAY, PHILIPPINES, POLONIA, PORTUGAL, RUSSIA, SPAIN, SINGAPUR, UK, URUGUAY, USA



transnational network



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ENAME CENTER
FOR PUBLIC
ARCHAEOLOGY AND
HERITAGE
PRESENTATION
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1



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EUROPEAN CENTER
FOR INNOVATION IN
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VIRTUAL RECONSTRUCTION
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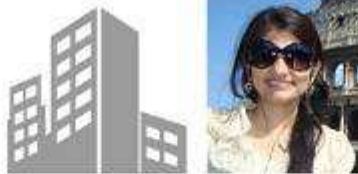


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50

under
construction



action
one



Virtual Archaeology and Cultural Heritage International Campus



International Training

definition



The new challenges of the business, social and cultural environment, demands versatile professionals able to create and manage innovative and dynamic projects.

The challenges from competitiveness across global market or the rapid social changes are some factors that make necessary the continuing education of all professionals from different sectors that work, or pretend to work, in the rising field of cultural heritage. It is an unarguably true that there is a need at companies and institutions to the demands that the society of XXI century requires. That demands needs to develop a flexible and dynamic ways to understand and manage the cultural heritage.

In this context, SEAV, INNOVA and eighteen research groups from fifteen

Spanish universities, proposed the creation of the first International Training Plan in Virtual Archaeology and Cultural Heritage, SEAV TRAINING. It is dedicated exclusively to the field of Digital Archaeology and Cultural Heritage, understood as a scientific discipline that aims to research and develop ways of applying visualization and computer-aided representation to Heritage Management.

This Training Plan, **Virtual Archaeology and Cultural Heritage International Campus, SEAV TRAINING** searches not only the professionals's education at key's areas to the development of complete projects in Heritage's management through the newest computer tools, but also the newest theoretical approaches.

Consequently, **SEAV TRAINING** should be seen as a systematic and planned strategy to improve the professionals in Cultural Heritage's skills, enabling them to develop progressively complexes tasks, updating the knowlegements and skills demanded by the continuous technical development, and obtain an improvement in personal competent at complex area of Cultural Heritage.

International Training

objectives

This Training Plan, searches to give the students an strong and pragmatic training, including theoretic and practice contents. Objectives are defined attending to professional insertion, so we have keep in mind specific competences of more utility and repercussion in the current international context.

We considerate that first education should provide to the future professional with theoretical knowledgements, skills, attitudes and enough contact with his profession and practices. Then, it constitutes the basis to build his professional development. This development takes the whole professional life, techniques are in constant change and evolution. That is the reason why is important to take care of quality, variety and orientation of first education received.



SEAV TRAINING specific objectives are:

- SUPPLY the professionals of Cultural Heritage with the necessary competences for the adequate development of their work position.
- PROMOTE the change and innovation, as a dynamic evolution and continuous improving.
- ENCOURAGE professional's empleability, increasing their employment opportunities.
- CONTRIBUTE to incorporation at labour market of highly qualified professionals.
- CONTRIBUTE to the development of a coordinated policy of education between all experts that works nowadays at newest technologies for improving processes of researching, conservation and dissemination of Cultural Heritage.
- MAKE EASIER the professional's adaptation to changes produced by modernization progress of manager's systems.
- MAKE EASIER the continuous and necessary adaptation of professionals to the innovation.

International Training

specializations



- VIRTUAL RECONSTRUCTION
AND CULTURAL HERITAGE
VISUALIZATION



- GEOMETRIC DOCUMENTATION
OF CULTURAL HERITAGE



- EMERGING
VIRTUAL HERITAGE

- ADVANCED VISUALIZATION
OF CULTURAL HERITAGE

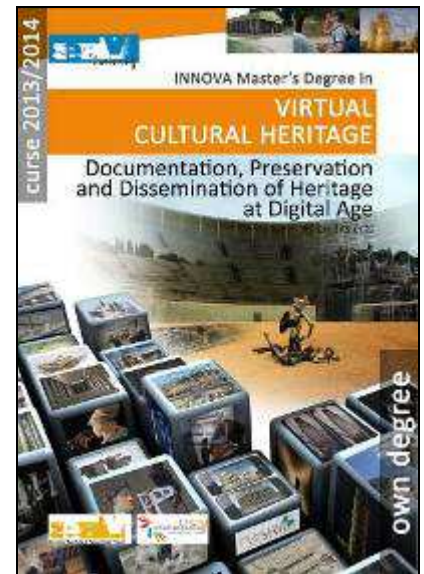


- CULTURAL HERITAGE
PRESENTATION AND INTERPRETATION


International Training

postgraduate studies

POSTGRADUATE STUDIES




INNOVA MASTER'S DEGREE

English Language 



SEAV MASTER'S DEGREE

Spanish Language 

International Training

undergraduate studies

UNDERGRADUATE STUDIES




SEAV EXPERT DEGREE

Spanish Language 



SEAV THEMATICS

Spanish Language 

re-search¹ /rɪ'sɜːtʃ/
[plural] 1 serious st
discover new facts
research into... as a res
student... along info
lab... tested in or ne
...ing some research
... this does some resear

action
two



SMART Heritage

CULTURAL



International Research

definition



The relationship between cultural heritage, technology and tourism has been a point of concern for specialists in all these sectors, who, over the course of several decades and multiple seminars, meetings, conferences, and academic papers have tried to find the solution that reconciles the growing tourism industry with the onerous heritage management, research, conservation, preservation, and dissemination of cultural property.

However, when the sustainability of cultural heritage is directly linked with a framework of economic and social development primarily related to tourism, one must recognize that this interaction is dynamic, in constant flux, generating both opportunities as well as challenges and risks.



The main objective of **SMART HERITAGE** is to make known the innovation in the value enhancement, the new museology and the use of new technologies in the interpretation of heritage. It aims to promote a stable and sustainable cultural tourism through analysis and reflection of the latest trends, of the presentation of the best professional experiences, international art projects, museographic application of new technologies.

We join more than 50 members over 20 countries for the coordination of international research projects within the framework **HORIZON 2020**, the biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 to 2020) – in addition to the private investment that this money will attract. It promises more breakthroughs, discoveries and world-firsts by taking great ideas from the lab to the market.



action
three



lc
londoncharter



PRINCIPLES OF SEVILLE

International Principles of Virtual Archaeology



International Innovation

definition



Since its creation in 2008 the Spanish Society of Virtual Archaeology (SEAV) and in 2011 Virtual Archaeology International Network (INNOVA) have set up the **International Forum of Virtual Archaeology (IFVA)**, an international forum of experts intended to establish the theoretical foundation of the international future of Virtual Archaeology. The first purpose of the International Forum of Virtual Archaeology is lead the transnational creation of the **International Principles of Virtual Archaeology**, called **Principios de Sevilla, Seville Principles**.

The principles of Seville aim to increase the conditions of applicability of **the London Charter** in order to improve its implementation specifically in the field of archaeological heritage, including industrial archaeological heritage, simplifying and organising its bases sequentially, while at the same time offering new recommendations taking into account the specific nature of archaeological heritage in relation to cultural heritage.

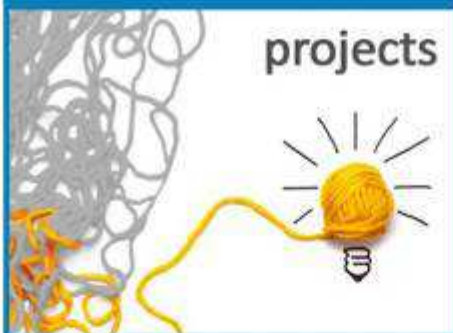


International Innovation

International forum



projects



action
four



International Projects

international meeting



International Meeting on Graphic Archaeology and Informatics, Cultural Heritage and Innovation. ARQUEOLÓGICA 2.0, analyze both the present and future of reconstruction and computer aided render techniques, applied to archaeological heritage and culture.

The main aim is to offer an updated overview about the Archeological of the XXI Century: research and development on virtual archaeology, performed and planned projects, new render techniques, development of new methodologies, and the cooperation of professionals from different fields, in order to encourage both knowledge and experience exchange.

Besides, it is also important to provide both the scientific community and the related companies with a suitable meeting point, in order to share the latest research projects and professional frameworks.

Thus, ARQUEOLÓGICA 2.0 is the place to exchange and communicate about real results and practical opinions on the field of virtual archaeology. Nevertheless, this Congress must also be a nice framework for other interested people and groups to become closer to this knowledge.



International Projects

international meeting



International Meeting
SMART HERITAGE GRANADA 2015,
1st International Congress for Smart Heritage:
Heritage, Technology and Tourism in the
Digital Age is a biannual scientific meeting to present the latest innovations in the use of new technologies in museology, interpretation of heritage that promotes cultural, stable, and sustainable tourism, analysis and reflection of the latest trends, presentation of the best professional experiences and international projects, the forefront of museum applications of new technologies and the unique solutions to problems.

This is an encounter with three important protagonists:

- **CULTURAL HERITAGE**
- **TECHNOLOGY**
- **TOURISM**

The main objective of SMART HERITAGE is to make known the innovation in the value enhancement, the new museology and the use of new technologies in the interpretation of heritage. It aims to promote a stable and sustainable cultural tourism through analysis and reflection of the latest trends, of the presentation of the best professional experiences, international art projects, museographic application of new technologies and singular solutions to special problems.



GRANADA. SPAIN

International Projects

international review



Virtual Archaeology Review, VAR is the first scientific, international magazine specifically devoted to the field of virtual archaeology, in semestrial editions. The magazine is meant for archaeologists, information scientifics, engineers, historians, restores, architects, and professionals linked whit the use of new technologies to the field of the archaeological heritages.

Virtual Archaeology Review aims the publication of original papers, abstracts, interdisciplinary surveys and essays on this young discipline, whit continuously evolving and currently on its way to scientific consolidation.



International Projects

international awards



International Awards of the Virtual Archaeology, TARTESSOS AWARDS. Prestigious international awards from the Spanish Society of Virtual Archaeology (SEAV). The award recognizes those members of the scientific community and institutions for their contribution to the dissemination and progress of Virtual Archeology worldwide.

Since its foundation in June 2009 have been awarded to fourteen personalities, international researchers and three institutions.



2009



2009



2009



2009



2010



2010



2010



2011



2011



2011



2012



2012



2013



2013

International Projects

online presence



INNOVA NETWORK

<http://www.virtualarchaeology.net/>



SEAV NETWORK

<http://www.arqueologiavirtual.com/>



SEAV TRAINING

<http://www.seavtraining.com/>



INTERNATIONAL FORUM

http://www.arqueologiavirtual.com/carta/?page_id=74

International Projects

online presence



PRINCIPLES OF SEVILLE

<http://www.arqueologiavirtual.com/carta/>



ARQUEOLÓGICA 2.0 MEETING

<http://www.arqueologiavirtual.com/arqueo/>



VIRTUAL ARCHAEOLOGY REVIEW

<http://www.varjournal.es/>



FACEBOOK SEAV/INNOVA

<http://www.facebook.com/SEAV.INNOVA>



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YOUTUBE SEAV/INNOVA

<https://www.youtube.com/user/SEAVtraining/>

INNOVA Center

contact



Sociedad Española de Arqueología Virtual. SEAV

Spanish Society of Virtual Archaeology. SEAV

Virtual Archaeology International Network. INNOVA

Red Internacional de Arqueología Virtual. INNOVA



INNOVA CENTER

European Center for Innovation in Virtual Archaeology
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INNOVA Center

application membership



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APPLICATION FOR MEMBERSHIP IN THE ASSOCIATION RESEARCH GROUP

Group Name:
Institution:
.....
Department:
Date of Establishment:
Research interests:
.....
.....
Projects carried out:
.....
.....
.....
Address: Postal Code:
City: region:
E-mail:
Web:
Director of the research group:
Telephone: Mobile:
E-mail:

Requests admission to INNOVA Virtual Archaeology International Network,
as ASSOCIATE RESEARCH GROUP (no annual fee).

In on, 201.....

Signature of the institution (or authorized signature) and stamp:

Complete this form and send it by e-mail to:
Virtual Archaeology International Network INNOVA
secretaria@arqueologiavirtual.com



