

3D-IMP-ACT

VIRTUAL REALITY AND **3D** EXPERIENCES TO **IMPROVE** TERRITORIAL **ATTRACTIVENESS**,
CULTURAL HERITAGE, SMART MANAGEMENT AND **TOURISTIC DEVELOPMENT**



3D-IMPACT-PLUS WEBPAGE

Number of business and research institutions
involved/offering non- financial support

PROJECT 3D-IMP-ACT PLUS CAPITALIZATION



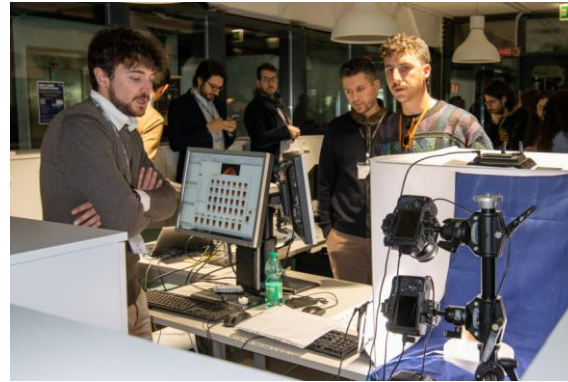
POLO
MUSEALE
DELLA PUGLIA



Politecnico
di Bari



UG
Uniwersytet Cracowski



81 participants in Workshop 1, with non financial support of Morphica srl (1)



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**Workshop 2 “Architectural Heritage trough Digital Modeling”
26th April 2023 – Town House of Niksic**



ARCHITECTURAL HERITAGE THROUGH DIGITAL MODELING

**Workshop on the capitalization
of the 3DIMAPCT outputs**

**Town house of Nikšić
(Children's library), Nikšić, MNE
26th of April 2023**



40 participants in workshop 2, with non financial support of the Public Children's library from Nikšić (2) and the Innovation and Entrepreneurship Center Tehnopolis (3)



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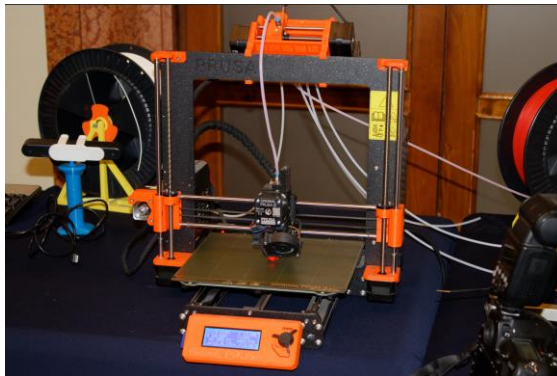
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**Workshop 3 “Web-GIS and 3D”
27th 2023 - Technical University of Tirana**





220 participants in workshop 3, with non financial support of the Archaeological Park of Apollonia (4)

Workshop 4 “Virtual immersive environments for documentation and conservation of heritage buildings” 18th May 2023 - Council Hall of DICATEch - Polytechnic of Bari.



VIRTUAL REALITY AND 3D EXPERIENCES TO IMPROVE TERRITORIAL ATTRACTIVENESS, CULTURAL
HERITAGE, SMART MANAGEMENT AND TOURISTIC DEVELOPMENT

PROJECT 3D-IMP-ACT PLUS CAPITALIZATION

Workshop:
“Virtual immersive environments for documentation
and conservation of heritage buildings”

Thursday, 18th May 2023, Hours 9:00 – 17:00
Polytechnic of Bari, DICATEch, Via Orabona 4, 70125 Bari, Italy
Council Hall DICATEch



**Registration
Form**

09:00-09:30 WELCOME GREETINGS

Rector of Polytechnic of Bari (Prof. F. Cupertino)

Director of Department DICATEch of Polytechnic of Bari
(Prof. L. Damiani)

JS Financial Officer Interreg – IPA CBC (Dr. A. Agrosi)

Director of the Department for tourism, cultural economy
and land development of Apulia Region (Dr. A. Patruno)

09:30-09:45 CAPITALIZATION OF THE PROJECT: Virtual reality and 3D experiences to IMPROVE territorial Attractiveness, Cultural heritage smart management and Touristic development

(Prof. L.M. Galantuoli – Polytechnic of Bari)

09:45-10:00 Virtual environments and digital models for enhanced fruition and management: the 3D-IMP-ACT project

(Prof. F. Fatiguso – Polytechnic of Bari)

10:00-10:45 OPENING SPEECH: Multiscale and Multisensor imaging based methodologies and technologies for the Interpretation and Conservation of historical sites and monuments. Towards the Digital Twin of Cultural heritage

(Prof. N. Masini – CNR Research Director and Deputy Director of
CNR-ISPCC)

10:45-11:15 Coffee break

Start of the session: VIRTUAL IMMERSIVE
ENVIRONMENTS FOR DOCUMENTATION AND
CONSERVATION OF HERITAGE BUILDINGS

11:15-11:45 3D-IMP-ACT and beyond: research experiences and perspectives for heritage management

(Prof. M. De Fino – Polytechnic of Bari)

11:45-12:15 Digitizing enhancement. Immersive and 3D experiences in Egnatia

(Dr. F. Galeandro – Regional Directorate Museums Puglia)

12:15-12:45 Touching heritage in Albania. Manipulation of historical artefacts to develop new forms of services

(Prof. E. Piperi – Technical University of Tirana)

12:45-13:15 3D modelling for design of virtual serious games

(Eng. Riccardo Tավolare – Polytechnic of Bari)

13:15-14:30 Lunch break

Start of the session: PRACTICAL LABORATORIES
FOR VIRTUAL REALITY FRUICTION OF HERITAGE
BUILDINGS AND SITES

14:30-17:00 Lab 1: Demonstration of Virtual Reality tour of Swabian Castle of Gioia del Colle

14:30-17:00 Lab 2: Demonstration of Serious Game prototype for risk management in open spaces

14:30-17:00 Lab 3: Demonstration of digital collaborative platform for assessment and diagnosis of Castle of Bashtova and Archaeological Park of Apollonia

The workshop is dedicated to professionals of the sector,
researchers, PhD students and students. Participation is free,
upon registration, until all available places are filled.

PROJECT 3D-IMP-ACT PLUS CAPITALIZATION

Workshop on
“Virtual immersive environments for
documentation and conservation
of heritage buildings”

Thursday, 18th May 2023
Hours 9:00 – 17:00

Polytechnic of Bari
Department of Civil, Environmental, Land,
Construction and Chemistry
Via Orabona 4, 70125 Bari, Italy
Council Hall DICATEch

In order to attend the workshop, the registration form
below must be filled out by 16th May 2023

Registration form link:
<https://forms.office.com/EvYn7eWCff>



PROJECT PARTNERS

Polytechnic of Bari (Lead)
Regional Directorate Museums Puglia – MIBACT – PM – PUG
Albanian National Institute for Cultural Heritage
Polytechnic University of Tirana
University of Montenegro



Website:
3dimpact.italy-albania-montenegro.eu/



Facebook page:
www.facebook.com/3D.ImpAct.Interreg.Ipa.Cbc/





53 participants in workshop 4, with noOn financial support of the National Research Council of Italy – Institute of Heritage Science (5) and (2) BRed srl, university spin-off of the Polytechnic of Bari (6)



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Workshop 4 “Materia/digitale, Digital/material” 19th May 2023 - Egnazia National Archaeological Museum

PROGETTO 3D-IMP-ACT
VIRTUAL REALITY AND 3D EXPERIENCES TO IMPROVE TERRITORIAL ATTRACTIVENESS,
CULTURAL HERITAGE SMART MANAGEMENT AND TOURISTIC DEVELOPMENT.

WORKSHOP DI CAPITALIZZAZIONE DEL PROGETTO 3D-IMP-ACT

VENERDÌ 19 MAGGIO ORE 9.30 – 17.30
MUSEO ARCHEOLOGICO NAZIONALE “G. ANDREASSI”, EGNAZIA

Dalle ore 9.00 Accoglienza
ore 9.30 – 11.30
I GIOCHI DEL TEMPO
Laboratorio di ricerca creativa:
Ideazione e sviluppo di una proposta di oggetto
materico/digitale legato alla collezione museale
Esperti e guide:
Emilia Serra, architetta
Sandra Sivilli, archeologa
Cosimo Vestita, maestro ceramista
Giorgio Giustizieri, esperto fabbrica digitale
Laboratorio aperto a studenti, ricercatori, professionisti.
A numero chiuso previa prenotazione

ore 11.30 – 12.30
INAUGURAZIONE DE “IL GIOCO DEL TEMPO”
Interventi di:
Luca Mercuri, Direttore Regionale Musei Puglia,
Ministero della Cultura
Angela Ciancio, già Direttore Regionale Musei Puglia,
Ministero della Cultura
Fabio Galeandro, Direttore Museo Archeologico Nazionale
“G. Andreassi” di Egnazia, Ministero della Cultura
Antonio Agrosi, Autorità di gestione del programma
Interreg IPA CBC Italy – Albania – Montenegro
Luigi Maria Galantucci, coordinatore del progetto
3D-IMP-ACT, Docente Politecnico di Bari, DMMM

Visita a cura di Emilia Serra

*Nel corso della giornata sono previste visite
guidate alla nuova sezione del museo
archeologico: “Egnazia e il mare”*

REGISTRAZIONE E PRENOTAZIONE LABORATORIO
<https://forms.office.com/r/k1cs2SLtUa>

ore 12.30 – 13.30
CONFERENZA:
3D TEMPO PERDUTO E TEMPO RITROVATO
Esperienze a confronto sulla riproduzione
digitale e i tesori archeologici perduti
Fabio Fatiguso, Docente
Politecnico di Bari, DICHA TECh
Jorge Lopes, Docente Università Cattolica
di Rio de Janeiro (PUC Rio), Dipartimento Design

ore 13.30 Pausa pranzo - buffet

ore 14.30 – 17.00 MUSEI MATERIA DIGITALE
Un confronto fra esperti, operatori, imprese
sulle esperienze e gli sviluppi della
valorizzazione dei luoghi della cultura e
dei beni culturali fra soluzioni
materiali e immateriali.
Un dialogo sulla ricerca di nuove esperienze
di visita, sulla relazione fra scienza,
storia e cooperazione
fra discipline differenti.
Introduce i lavori Guido Santilio presidente della
delegazione ADI Puglia e Basilicata

ore 17.00 Plenaria, discussione e conclusioni

COORDINAMENTO: Direzione Regionale Musei Puglia
Museo Archeologico Nazionale di Egnazia via Scavi 87,
Fasano (BR)
Localizzazione:
[https://goo.gl/maps/e5xvfarkGq\\$N9m5A](https://goo.gl/maps/e5xvfarkGq$N9m5A)

INFO E ORGANIZZAZIONE: Cultura in comune srls
3357150918 – 3389137481 culturaincomunesrl@gmail.com

Website: 3dimpact.italy-albania-montenegro.eu/
Facebook: www.facebook.com/3D.ImpAct.Interreg.Jpa.Cbc/



46 participants in workshop 5



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Number of business and research institutions involved/offering non- financial support

1. The National Research Council of Italy – Institute of Heritage Science (CNR-ISPC) supported the POLIBA DICATECh workshop, by Dr. Nicola Masini, Research Director and Deputy Director of CNR-ISPC, who delivered the opening speech.
2. BReD srl, university spin-off of the Polytechnic of Bari, supported the POLIBA DICATECh workshop, by demonstrating the immersive collaborative platform by VR headsets
3. Morphica srl, specialized in 3D printing services and digital services, supported the POLIBA DMMM workshop, by demonstrating its equipment during the demonstration activities
4. The Archaeological Park of Apollonia supported the PUT workshop, by her Director, dr. Ornela Durmishaj, who illustrated the benefits and impact that the use of the results of the project has had in the institution run by her.
5. The Public Children's library from Nikšić supported the UOM workshop, hosting the participants for the lectures and scanning the building.
6. Innovation and Entrepreneurship Center (IEC) Tehnopolis organized several lectures for the participant of the UOM workshop about new, innovative ideas and technologies about 3D modeling.

