



BILATERAL PROJECT | 2021-2022

# Italy - Georgia: Technology-Enhanced Strategies for Heritage valorization

February 28, 2023

10.00-12.30 CEST

*CNR ISPC Rome*  
Via Salaria km 29,300  
Monterotondo St. Rome  
00015

*Streaming on*

CNR ISPC Zoom Platform [here](#)



## RESUME

The **Italian Institute of Heritage Science** of the CNR, and the **Georgian National Museum** present the **Vani Virtual eXperience project**.

Thanks to the **Bilateral Project 2021-2022**, funded by Italian National Research Council and Shota Rustaveli National Science Foundation, Cultural Heritage and digital technologies are not more separated domains, but one depending on the other; both of them concur to the establishment of a new cross-disciplinary field of experimentation, requiring knowledge of Science and Engineering, as well as Arts and Humanities and Social Sciences.

Output of the Bilateral project is the **Vani Virtual eXperience**, a digital exploration in the historic city of Vani, Imereti region, western Georgia, to admire the wonders of the Past, especially referring to the archaeological area of the so-called mosaic floor temple and its findings - our main case study.

Located about 41 km southwest from the regional capital Kutaisi, Vani is an area with continuity of life. The richness of the documentary framework and the variety of the historical and archaeological problems offered today by the ancient city reveal an incredible potential that constitutes a truly significant heritage and a first-level attractive element by making use of new technologies applied to Cultural Heritage.

In this light, we had the idea of providing citizens and tourists with a **digital interactive tool** capable of enhancing and promoting knowledge of the territory, its history and evolution over time. Such a tool has multiple purposes: it can be used as a **website**, a **webapp application**, a **kiosk desk** in the Vani Archaeological Museum and as **QRcode panels** along the archeological site.

The interactive exploration of **Vani Virtual eXperience** allows accessing a specific area of the Vani temple-city of historical-archaeological interest: the **so-called mosaic floor temple**, located a few meters away from the entry gate of Vani and the Archaeological Museum.

The interactive experience relies on the open-source framework ATON, an online web-based tool, which is the result of research and development activities carried out in the last 5 years by CNR ISPC.

*Participate to the event to discover where to find  
**Vani Virtual eXperience!***



## PROGRAMME

# February 28, 2023

### WELCOME SPEECH

10.00-10.10

Italian National Research Council, European and International Relations - **Virginia**

**Coda Nunziante**

10.10-10.20

Capo Missione, Ambasciata d'Italia a Tbilisi - **Nicola Iorio**

### VANI VIRTUAL EXPERIENCE

10.20 - 10.30

*Digitizing Cultural Heritage: the role of 3D into heritage study, interpretation and dissemination* | CNR ISPC - **D.Ferdani**

10.30-10.40

*Vani archaeological site and museum in the context of the Bilateral project: a perfect case study* | GNM - **G. Partskaladze**

### LANDSCAPE RECOGNITION & INTERPRETATION

10.40-10.50

*The role of interpretive reconstruction of the archaeological monument in the research of city site of Vani* | GNM - **N. Lordkipanidze, N. Kalandadze**

10.50-11.10

*Digitizing the so-called Mosaic Floor Temple and its featured objects* | CNR ISPC - **D.Ferdani** & GNM - **G. Partskaladze**



## FROM REAL TO DIGITAL

11.10-11.20

*Virtual reconstruction in Cultural Heritage as a prominent part of the scientific research* | CNR ISPC - **D. Ferdani, E. Demetrescu**

11.20-11.30

*Presenting and interacting with online 3D for Cultural Heritage: the ATON framework* | CNR ISPC - **B. Fanini**

11.30-11.40

*Vani storytelling: the perspective of experts and locals* | CNR ISPC - **E. Pietroni**

## LANDSCAPE VALORIZATION

11.40-11.50

*Vani Museum as a platform for physical and digital encounters* | GNM - **S. Guruli**

11.50 -12.00

*The Vani Virtual eXperience: a possible integrated solution for Heritage dissemination* | CNR ISPC - **A. Pagano**

## WHAT'S NEXT?

12.00-12.10

*Georgian Cultural Heritage. Landscapes, objects and communities* | GNM - Dir. **D. Lordkipanidze**

12.10-12.20

*Heritage Science in Transnational projects* | CNR ISPC - Dir. **C. Miliani**

## CONCLUSIONS

by CNR ISPC & GNM teams

