



## *Summer school Viminacium 2021 - Call for Application*

Today we live in digital era. Life and technology advanced into something children of 20<sup>th</sup> century dreamed as Science fiction. Research, excavation, and presentation changed completely in just few decades. Satellites, drones, sensors, high accuracy positioning... Today, for us – researchers of the Danube limes, this is everyday life. Challenges of the Digital era influenced that science, so conservative in the main methodological approach turns into hi tech futuristic research concept. And guess what.... It never lost that romance and rush it had centuries ago.

Today when we start excavations, we already have insight through geophysics what we are facing below. Aerial and drone imagery with GIS made mapping precise and more detailed. Photogrammetry and 3D scanners introduced archaeological documentation ready for virtual world and presentation of cultural heritage went beyond dreams.

Join us this summer in the new vision of protection and presentation of cultural heritage.

On the behalf of the Institute of Archaeology, Belgrade, it is our pleasure to welcome you to participate in the upcoming Archaeological summer school at Viminacium. The summer school is part of the project “Living Danube Limes”, which fosters a common bond in the Danube Region *via* heritage shared by all Danube countries. The project is funded by the Interreg Danube Transnational Program.

The summer school is an exciting opportunity to learn about the use of different methods and new technologies in archaeology. The aim of the school is to get participants acquainted with full process of archaeological excavation, from prospection of the terrain, to different methods of documentation and processing finds. One of the main learning outcomes will be introduction to multidisciplinary research methods in archaeological practice, shown on the example of Viminacium.

First segment of the summer school will be, due to the COVID-19 pandemic situation, online Zoom video conference. Number of participants in virtual summer school is limited to 80. First Summer school online segment will be held 14-18 June 2021. Preliminary program is at the end of this document.

Second segment of the Summer school will be held at Viminacium Research and Visitors Center during September 2021. Second segment will be field school with workshops and field surveys

with expert archaeological teams. Selection of participants due to limited number of places in our facilities will be processed out of participants of the Online Summer School in June.

The participants will learn about:

- Geophysical prospection of the terrain (Ground Penetrating Radar, Geomagnetic method)
- GIS and Aerial imagery
- Use of photogrammetry for documentation during and after excavations
- Processing of Roman pottery (analysis, methods of documentation, reconstruction and conservation)
- Anthropological methods of processing humane osteological material
- Presentation of Cultural Heritage and Virtual world of Archaeology

Preferred applicants are undergraduate students whose main interests are cultural heritage/Roman archaeology/Art History.

Participation is free of charge, but please keep in mind that the capacity is limited so please register in advance. To sign up for the summer school, please fill in the attached registration form and e-mail it to [nemanjamrdjic@gmail.com](mailto:nemanjamrdjic@gmail.com). Only applications in English will be considered. The closing date for applications is the 10<sup>th</sup> of June 2021.

### Contact information:

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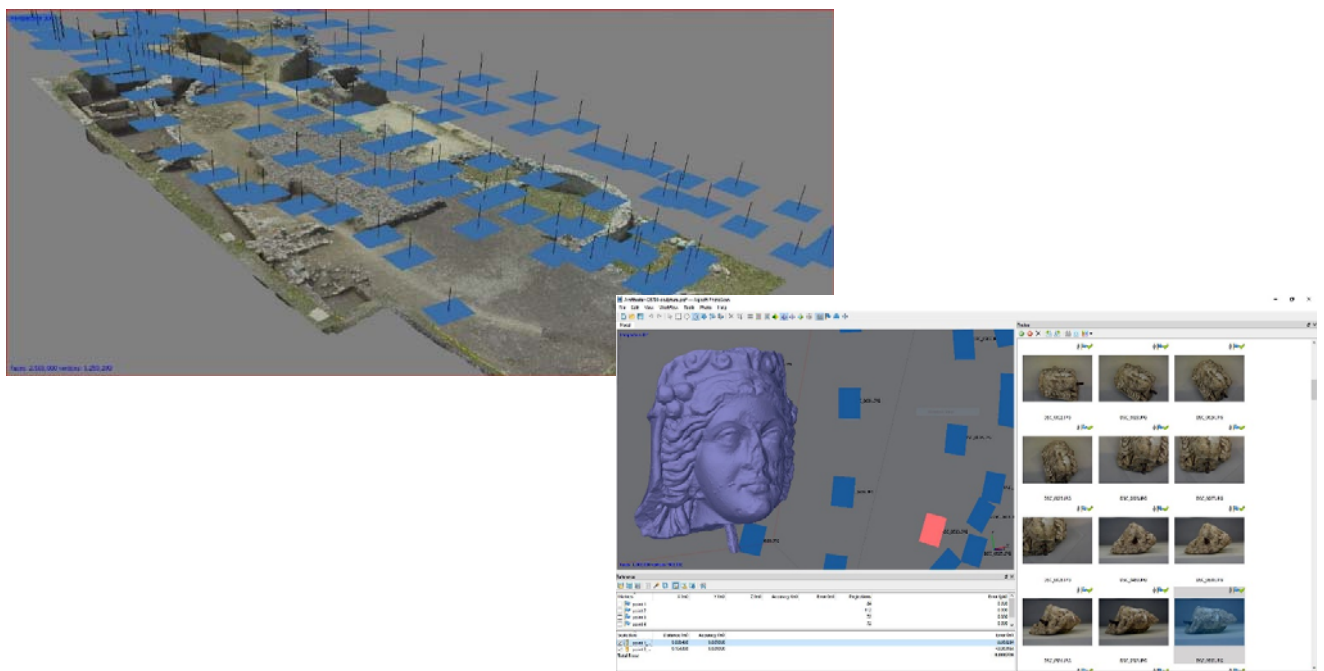
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## **PRELIMINARY PROGRAMME OF VIRTUAL SUMMER SCHOOL**

### *Viminacium Virtual Summer School*

14-18 June 2021

#### **Monday 14<sup>th</sup> June**

Frontiers of the Roman Empire as UNESCO World Heritage Cluster

The Danube Limes as World Heritage Site

Danube Limes Databases and Documentation concept

#### **Tuesday 15<sup>th</sup> June**

##### **ROMAN POTTERY, PRODUCTION, TYPOLOGY, CONSERVATION**

Ivana Ožanić Roguljić, Institute of Archaeology Zagreb

Angelina Raičković Savić, Institute of Archaeology, Belgrade

##### **ROMAN POTTERY - VIRTUAL WORKSHOP**

Ivana Ožanić Roguljić, Institute of Archaeology Zagreb

Angelina Raičković Savić, Institute of Archaeology, Belgrade

##### **ANTHROPOLOGICAL WORKSHOP – RESEARCH ON ANCIENT HUMAN REMAINS**

Ilija Mikić, Anthropologist, Institute of Archaeology, Belgrade

#### **Wednesday 16<sup>th</sup> June**

##### **GEOPHYSICS IN ARCHEOLOGY**

- Basic information / Presentations
- Geophysics – Magnetometer
- Ground Penetrating Radar
- Other Methods
- Field surveys
- Data processing

### **Thursday 17<sup>th</sup> June**

- GIS
- Photogrammetry – 3D modeling of buildings and features in the field / Viminacium Legionary fortress and Amphitheatre.
- Photogrammetry – 3D modeling of pottery and small finds

### **Friday 18<sup>th</sup> June**

- Presentation of Cultural Heritage and Virtual world of Archaeology
- Online workshops
- Examples of good practice
- Discussion
- Conclusions