

# VÝROČNÍ ZPRÁVA PROJEKTU SPECIFICKÉHO VÝZKUMU 2022/ THE ANNUAL SV PROJECT REPORT 2022

## NÁZEV PROJEKTU/ PROJECT TITLE:

Upgrading the archaeology of the Odoacrian and Ostrogothic kingdom: archaeometry, bioarchaeology and context analysis / Upgradovaní archeologie království Odoakera a Ostrogotů: archeometrie, bioarcheologie a kontextuální analýzy

### DOBA TRVÁNÍ PROJEKTU / PROJECT DURATION:

2 roky / 2 years

### ŘEŠITELSKÝ TÝM / TEAM OF INVESTIGATORS:

Mgr. Joan Pinar Gil, PhD

Mrs. Anna-Marie Ourodová

Mgr. Miroslav Pleska

# POPIS A SPLNĚNÍ CÍLŮ ŘEŠENÍ/ DESCRIPTION AND FULFILLMENT OF PROJECTS GOALS:

1. Practical arrangements with the partner labs and museums (April-November)

An intense activity has been carried out in order to contact the relevant museums and heritage agencies in order to negotiate permissions and to set appointments for the measuring and digitalization campaigns in Italy, Slovenia and Croatia. As a result, XRF and FORS measurements of many artefacts have been already performed in Turin, Bologna, Cividale del Friuli, Kranj, Ljubljana and Zagreb, and a rich assemblage of archive documentation has been scanned. Permissions for new analyses to be performed in Milano, Reggio Emilia and Vicenza in 2023 have already been obtained. Cooperation agreements between the UHK, the University of Turin, the State Heritage Office in Bologna and the Museums of Kranj and Cividale del Friuli have been signed.

### 2. UHK archaeometric campaign (June)

The UHK archaeometric campaign took place between 9<sup>th</sup> and 20<sup>th</sup> June. As a result, Mrs. Ourodová and Dr. Pinar took XRF measurements of relevant jewels kept in the Archaeological Museum of Zagreb, the City Museum in Ljubljana, the National Museum in Ljubljana, the Gorenjski Museum in

Kranj and the National Museum in Cividale del Friuli. The composition of the metal alloys, glass and gemstones of 28 objects has been measured. The results will be part of at least two papers to be prepared during 2023.

### 3. Digitalization campaign (July)

The campaign took place from 3<sup>rd</sup> to 31<sup>st</sup> July at the archives of the State Heritage Office in Bologna. It was carried out by Dr. Pinar with the assistance of the Bologna staff. As a result, more than 8 GB of plans, drawings and pictures of the excavations at the ancient cemeteries of Imola has been collected. This rich, mostly unpublished documentation will be processed throughout 2023.

### 4. Meetings, networking and planning (June-September)

Working meetings to monitor the ongoing activities and to plan further steps have been carried out in Mainz, Zagreb, Ljubljana, Kranj, Cividale, Bologna and Písek. The 2022-2023 schedule for the archaeometric and bioarchaeological analyses has been designed with partners from the Universities og Turin and Brno, as well as from the Louvre in Paris.

### 5. UniTo archaeometrical campaign (November)

As a result of a cooperation agreement with UHK, a team of expert analytical chemists led by Dr. Monica Gulmini (University of Turin) performed XRF and FORS analyses on relevant jewels kept in the Royal Museums of Turin and in the storage facilities of the State Heritage Office in Bologna. As a result, more than 40 items from very relevant archaeological deposits has been analyzed. Some preliminary results have been already submitted for publication.

### 6. Preparation and submission of publications (August-December)

As said, the innovative approach of the project, the richness of the documentation to be examined and the proficiency of the partners is starting to generate a rich dataset that will lead to many important publications. The preliminary results of the project have led to the submission of three papers so far, one of which has been already published.

Three further articles targeting high-ranking journals are in the making and should be ready for submission before the end of 2023.

# PODROBNÝ POPIS ZMĚN V ŘEŠENÍ PROJEKTU/ DESCRIPITON OF PROJECT CHANGES:

The aims and schedule of the project underwent no significant change during its first year of implementation.

#### STAV A DRUH VÝSTUPU/ STATE AND TYPE OF PUBLISHING OUTPUTS:

Author	Title of the output	Name of	Type of	State (in	ID in OBD
		Publisher	output -	progress /	(only
			Metodika	finished / in	published
			<b>17+</b> <sup>1</sup> (Jimp	peer review /	or
			/ Jsc / Jost	accepted for	accepted
			/ B / C aj.)	publishing /	for
				published)	publishing)
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		of my			
		friends			
		leaving			
		Ad			
		memoriam			
		Oleg			
	Office insignia, diplomatic	Sharov.			
	gifts and fashion items: on	Biblioteka			
	some 5th century brooches	Stratum.			
Pinar	in the Adriatic-Alpine area	Chișinău.	С	Published	
		Royal			
		Insignia of			
		the Late			
		Antiquity			
		from Mšec			
		and			
		Řevničov.			
	Chideric, Odoacer and	Museum			
Pinar	Bohemia?	of Písek.	С	Submitted	
Aceto, Calà,	l				
Robotti, Pinar,	Non-invasive analyses of				
Castronovo,	Italian "Ostrogothic"				
Gulmini, Labate,	jewellery: the				
Agostino	DesanaTreasure	Heritage	Jimp	Submitted	
Pinar, Aceto,					
Agostino, Burger,					
Fernandes,					
Gulmini,					
Huk'elová,					
Klontza,	A 4000000000000000000000000000000000000				
Manzelli,	A reassessment of the "Villa		line in	la augusti.	
Schmidtová	Clelia princess"	-	Jimp	In progress	
	A 5th century				
Manzolli Dizaz	burial with grave goods from		liman	In progress	
Manzelli, Pinar	Villa Clelia, Imola	-	Jimp	In progress	
Diman Assatis	New data on the jewellery				
Pinar, Agostino,	from Potoci at the				
Bunčić, Dugonjić,	Archaeological Museum in		limara	In presume	
Ourodová	Zagreb		Jimp	In progress	

## **PROJECT COSTS:**

<sup>&</sup>lt;sup>1</sup> Definition of types of output:

	PŘIDĚLENÉ/ ALLOCATED BUDGET	ČERPANÉ/ EXPENDED BUDGET
Osobní náklady/ Personal costs	10.000 czk	10.000 czk
Materiální náklady/ Material costs	3.000 czk	3.194 czk
Služby/ Services	130.000 czk	153.329,50 czk
Cestovné/ Travel costs	117.676 czk	101.992 czk
CELKEM/ TOTAL COSTS	260.676 czk	268.515,50 czk

## PODROBNÉ ZDŮVODNĚNÍ ÚČELU ČERPÁNÍ FINANČNÍCH PROSTŘEDKŮ/ JUSTIFICATION OF USE OF FUNDING

Due to administrative reasons, Mrs. Ourodová could not have her travel costs covered by the project. Those funds were reinvested in extra archaeometric analyses at Turin (services) University and in a research and study stay of Mrs. Ourodová in Copenhagen (personnel costs).

### Osobní náklady / Personal costs:

Scholarship Ourodová: 5.000 czkScholarship Pleska: 5.000 czk

### Materiální náklady / Material costs:

- External hard disk: 3.194 czk

### Služby / Services:

- XRF and FORS analyses: 150.325,60 czk

- Currency conversion: 3.003,90 czk

#### Cestovné /Travel costs:

- Pinar, Hradec Králové-Zagreb-Ljubljana-Kranj-Cividale-Hradec Králové: 27.300 czk

- Pinar, Borgomanero-Bologna-Borgomanero: 57.660 czk

- Ourodová, Hradec Králové-Copenhagen-Hradec Králové: 17.032 czk

### **COSTS REPORT EIS Magion:**

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	Podzakáz	ka:						

In Hradci Králové, 04.01.23

Joan Pinar Gil, PhD