



DIPARTIMENTO DI
SCIENZE STORICHE E
DEI BENI CULTURALI
DIPARTIMENTO DI ECCELLENZA 2023-2027



UNIVERSITÀ
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DICUS

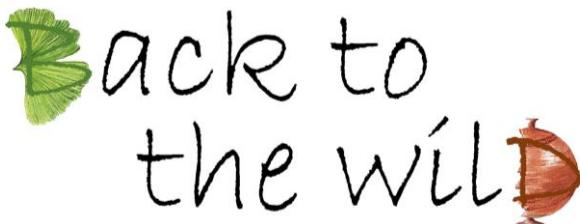
DIPARTIMENTO DI CHIMICA
"UGO SCHIFF"



Ca' Foscari
University
of Venice

Department of Environmental
Sciences, Informatics and Statistics

PRIN 2022 Final Meeting

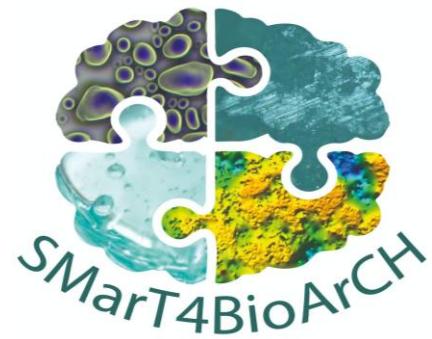


**“Uncovering the Italian Neolithic
phytoculture by an archaeo-biomolecular
strategy”**

Project Code: 20224YCT2L,
CUP: E53D23007440006

**“Reversible adsorbent smart materials for
molecular archaeology to disclose Palaeolithic
stone tools as bio-archives”**

Project Code: 2022XX8BRT,
CUP: B53DZ3014020006



Florence, 13rd February 2026

Museo e Istituto Fiorentino di Preistoria «Paolo Graziosi»
via dell’Oriuolo, 24 Firenze

Scientific coordination: Prof. Angelo Gismondi (University of Rome ‘Tor Vergata’),
Prof. Giovanna Pizzoli (University of Siena), Prof. Luigi Dei (University of Florence),
Prof. Elena Badetti (University of Venice ‘Ca’ Foscari’).



Finanziato
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PROGRAMME

Morning Session. Presentation of the two PRIN 2022 Projects

10,30 am **Fabio Martini**, President of the Museo e Istituto Fiorentino di Preistoria "Paolo Graziosi": remarks and welcome address

10,45 am **Angelo Gismondi**, University of Rome "Tor Vergata", PI of the PRIN 2022 Project "BACK TO THE WILD: uncovering the Italian Neolithic phytoculture by an archaeo-biomolecular strategy"
A biological approach to unlock ancient plant secrets

11,05 am **Luigi Dei**, University of Florence, PI of the PRIN 2022 Project "SMarT4BioArCH. Reversible adsorbent smart materials for molecular archaeology to disclose Paleolithic stone tools as bio-archives"
A chemical approach to build bio-archives by extraction of unaltered starch grains

11,25 am **Giovanna Pizziolo**, Responsible of the University of Siena, Partner in the PRIN 2022 Project "BACK TO THE WILD"
Methodological approach and research potentialities in the archaeological perspective

11,45 am **Elena Badetti**, Responsible of the University of Venice "Ca' Foscari", Partner in the PRIN 2022 Project "SMarT4BioArCH"
Archaeological starch: limits, challenges and new perspectives

12,05 pm **Mario Federico Rolfo**, University of Rome "Tor Vergata", Partner in the "BACK TO THE WILD" Project
The Neolithic levels of Grotta Mora Cavorso (Jenne – Rome), 20 years of research: a retrospective overview

12,25 pm **Emiliano Carretti**, University of Florence, Partner in the "SMarT4BioArCH" Project
Soft materials for the conservation and the restoration of cultural heritage, from cleaning gels to reversible adhesives

12,45 pm Discussion

Lunch break





Afternoon Session. Presentation of the achieved results

2,00 pm	Francesca Porpora , PostDoc Fellow, University of Florence <i>Reversible adhesives for the recovery of starch grains from archaeological lithic artifacts: synthesis and characterization of the innovative smart materials</i>
2,30 pm	Giusi Sorrentino , PostDoc Fellow, University of Venice «Ca' Foscari» <i>From lab to field: experimental testing and application of reversible adhesives in archaeological contexts</i>
3,00 pm	Chiara De Marco , PostDoc Fellow, University of Siena <i>Archaeological contexts and artifacts: sampling pottery in the archaeological perspective</i> Gaia Mustone PostDoc Fellow, University of Siena <i>Lithic artifacts and use-wear analysis in the archaeological perspective</i> Emanuela Cristiani , University of Rome «La Sapienza» <i>The analysis of ground tools: critical issues, results and potentialities</i> Mauro Buonincontri , PostDoc Fellow, University of Siena <i>Anthracological analysis: approaches and results</i>
4,00 pm	Alessia D'Agostino , PostDoc Fellow, University of Rome "Tor Vergata" <i>Past plant stories written in soil, pottery, and teeth</i>
4,30 pm	Round Table with Stakeholders <i>Comparison of methods and approaches developing future perspectives</i>
5,30 pm	Closing remarks

