



Italic metalwork Techniques during the Early Iron Age. Rethinking cultural Interactions.

The ITINERIS Program

<https://itineris.huma-num.fr/>

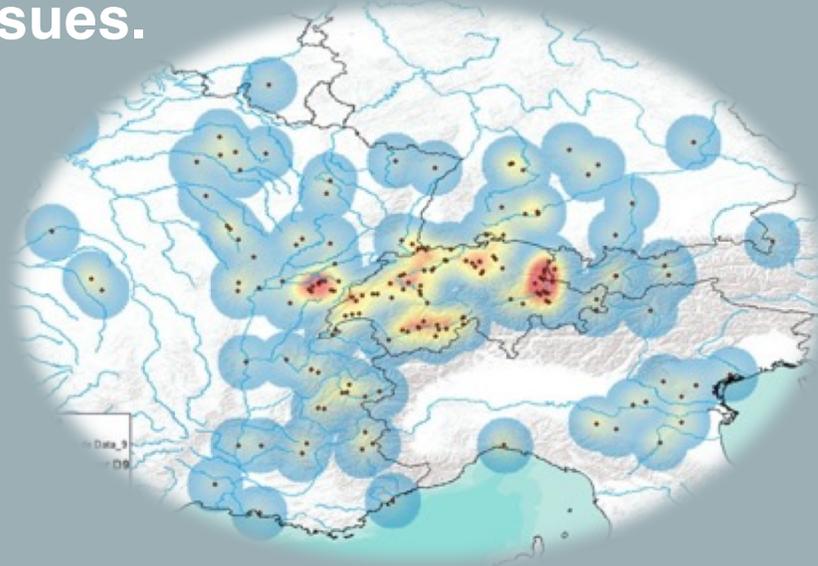
ANR JCJC 2022-2025
PI Veronica Cicolani
AOROC UMR8546 CNRS-PSL

Goal & Topics

Progressively assessing the role of all the social partners operating in the production, dissemination and acquisition of various goods, products and raw materials,

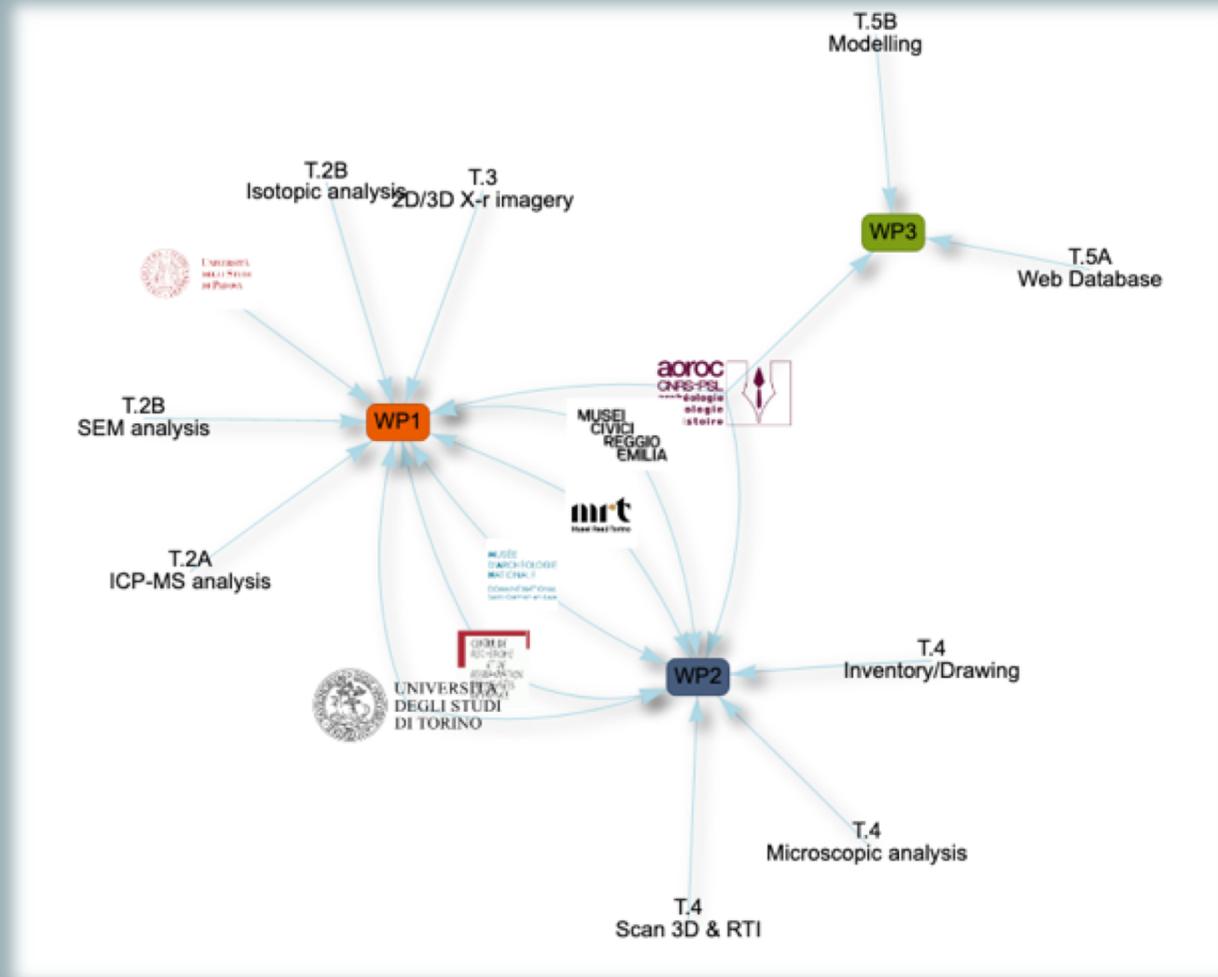
&

Participating in the current debates on human and cultural mobility, integration or rejection and gender issues.

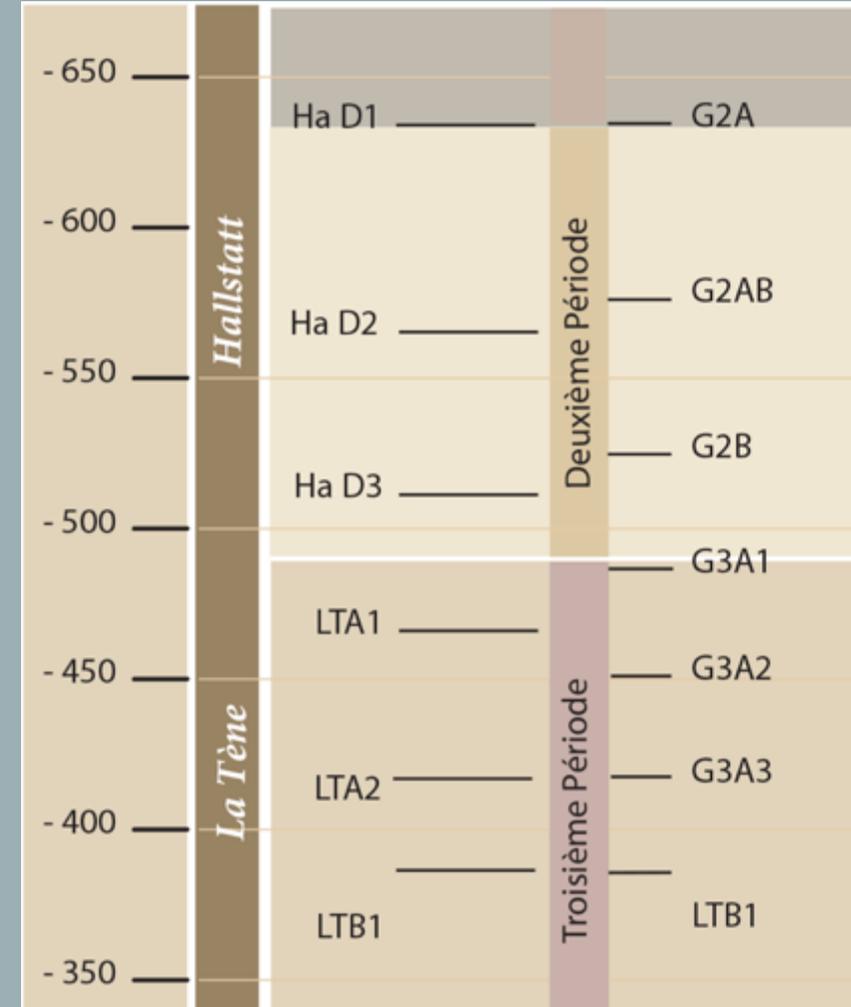
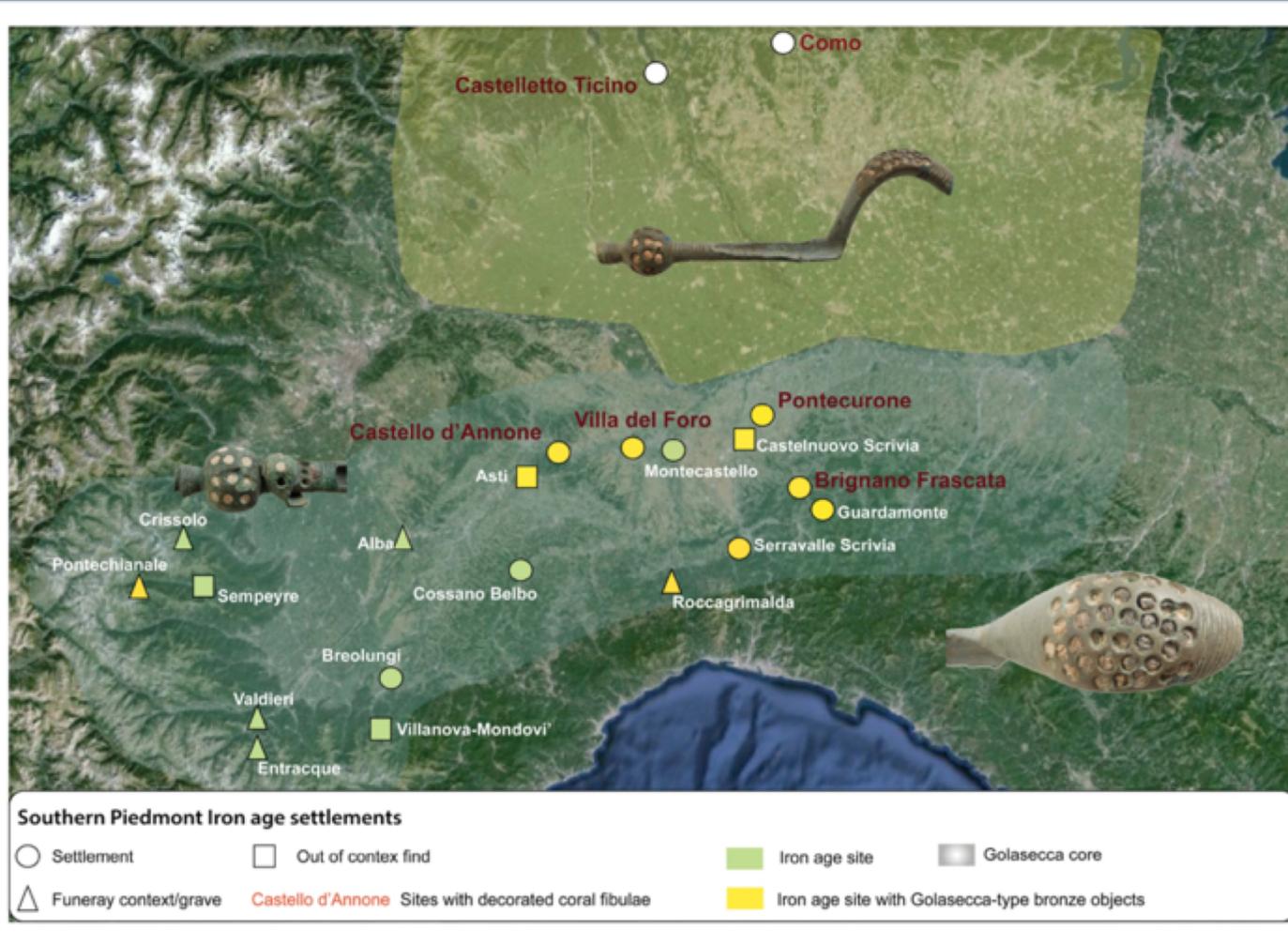


NEW RESEARCH TEAM between Italy and France

- 3 WPs
- 6 Tasks
- 16 Permanent Members
- 3 Museums
- 5 Laboratories
- 3 Universities
- 4 Students
- 2 post-doc ANR fellowship



Archaeological context Settlements & chronology

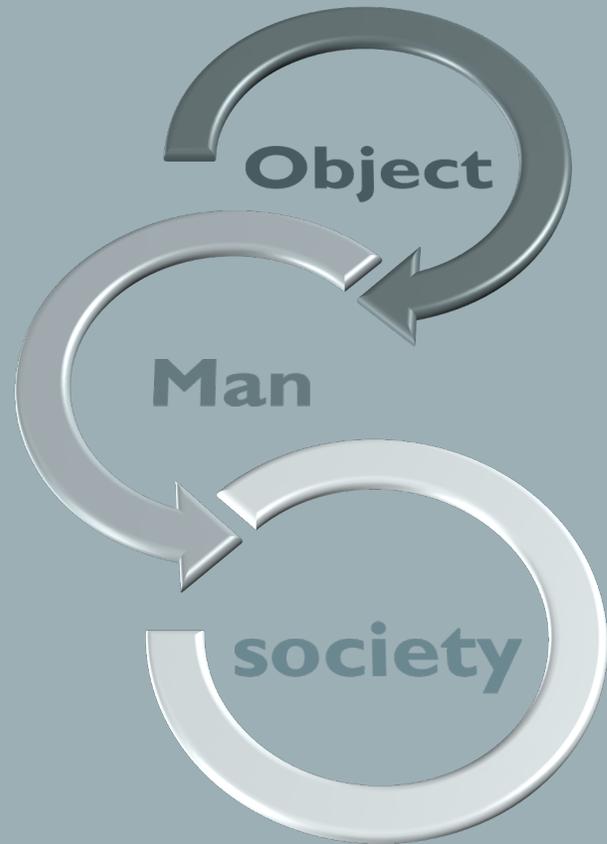


Archaeological context Data set : bronze items

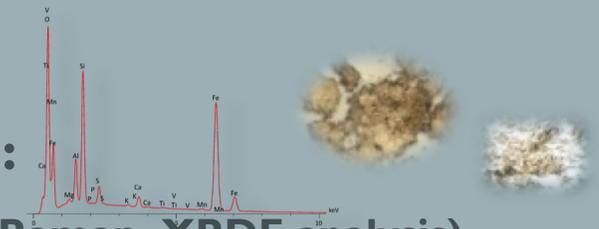


	Fibules multicurvilignes	Fibules à arc centré	Certosa	Pendeloques et	Autres accessoires
G IC					
G IIA					
G IIA-B					
G IIB					
G IIIA1					
G IIIA2					
G IIIA3					

How providing a different overview of the past human connections and abilities?



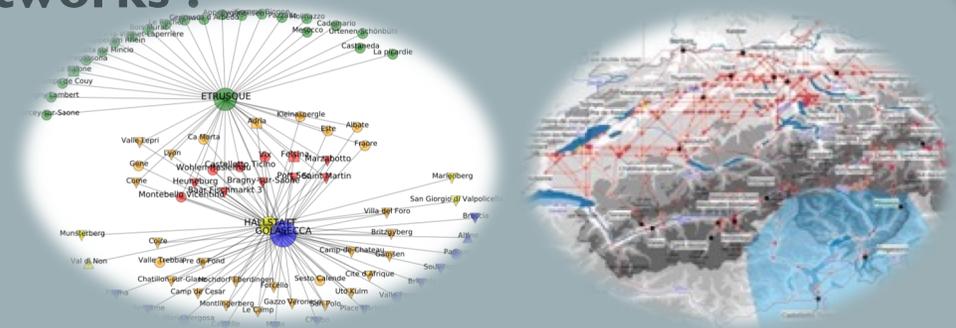
WPI - Craft practices & chaîne opératoire :
Archaeometric approach (ICP-MS, Lead isotope, Raman, XRDF analysis)



WP2- Human abilities/identities :
Technological/archaeological/experimental approaches



WP3 - Iron Age social networks :
Geo-statistic approach





METADATA, DATA & PROJECT MANAGEMENT

FAIR, LOD & OSS

thanks to

GitLab in HUMA-NUM server

Reveal 3D analysis

R scripts for Data, Metadata, Packages:
modeling and sharing: **itineRis package**

Nakala



<https://tinyurl.com/caa23-itineris>

Package 

 GitHub	 GitLab
https://github.com/ANR-Itineris	https://gitlab.huma-num.fr/thuet/itineris



Package 'RODBC'

December 6, 2022

Version 1.3-20
 Revision SRev: 3611 5
 Date 2022-12-05
 Title ODBC Database Access
 Description **An ODBC database interface.**



881 Total (Non triés)
Rechercher

Modèle : Objets description
Format affichage :
Prévisualisation
Modifier modèle

Helvetica
Courant
18 pt
B / U

ITINERIS | OBJETS

> VOCAB
> SITES
OBJETS
> IMAGES
> BIBLIO

FR

ITI_0907
Territoire
> Site

TOUT
ITALIE

IDENTIFICATION

DESCRIPTION

CHRONOLOGIE
BIBLIOGRAPHIE

TECHNOLOGIE
ARCHÉOMÉTRIE

DESCRIPTION GÉNÉRALE DE L'OBJET

Catégorie	Parure	N. Inv.	20475.01	NMI	1
Dénomination	Fibule			NR	1
Type	À sanguisuga				
Variante	décor incisé et noyau argile				
État conservation	bon				
Matériaux	Alliage cuivreux, Argile, Corail				
Décor x	Linéaire et incrustations,				

Mesures max. (mm / g)

Haut.		Ép.	
Long.	41	Diam.	
Larg.	21	Poids	5,7

IMAGE(S) (2)





PRÉCISIONS

Description libre de l'objet

Fibule à sanguisuga à arc cintré renflé. L'ardillon et le porte-ardillon sont cassés et le ressort comporte deux spires. La partie centrale de l'arc est décorée de motifs d'ocelles creux et remplis de corail dénaturalisé cantonnés de deux zones de lignes incisées à la tête et au pied. Ces fibules qui allient l'alliage cuivreux au corail sont emblématiques des sépultures féminines de la culture de Golasecca.

Commentaires

Mobilier associé



DATA MANAGEMENT

Vocabulary in 3
languages (IT/EN/FR)
for
managing and sharing
data & metadata

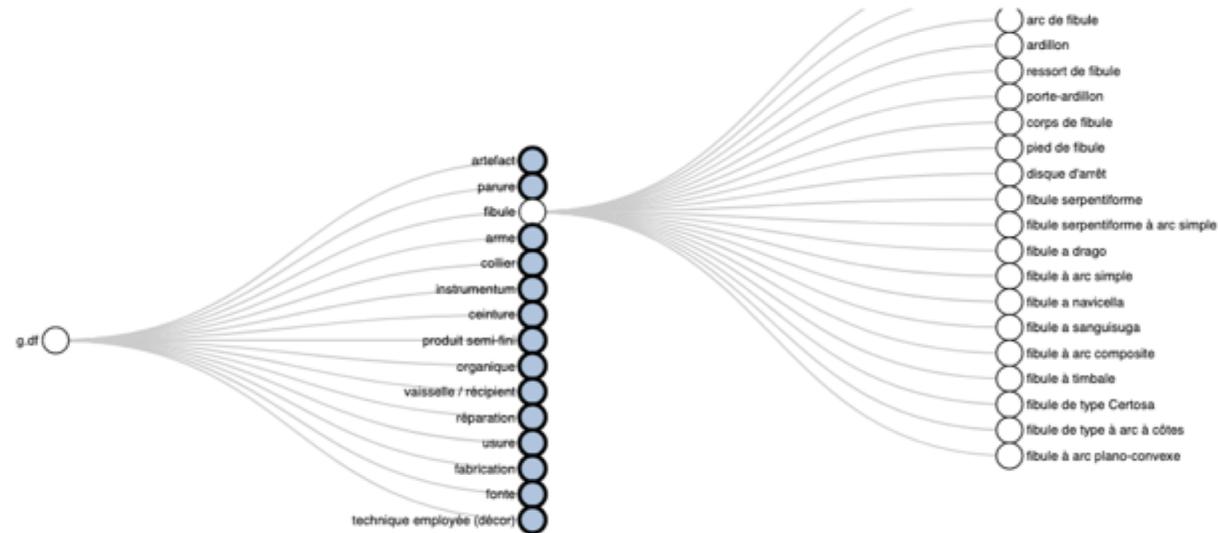
The screenshot shows the ITINERIS VOCABULAIRES interface. At the top, there is a navigation bar with the title "ITINERIS | VOCABULAIRES" and a language selector set to "FR". Below the navigation bar, there is a section titled "Choix du vocabulaire à afficher" with a search input field containing "objet:dénomination". The main content is a table with the following columns: Français, Italiano, English, Thésaurus 1, ...ID., Thésaurus 2, and ...ID. The table contains 15 rows of vocabulary items.

Français	Italiano	English	Thésaurus 1	...ID.	Thésaurus 2	...ID.
Démi-produit	Semi prodotto	Semi-finished				
Disque de fibule	Disco di fibula	Fibula disk				
Epée	Spada	Sword				
Épingle	Spillone	Pin				
Fibule	Fibula	Fibula	PACTOLS	26678/pcrt		
Fond vase métallique	Fondo di vaso metallico	Metallic vessel foot				
Fourreau	Fodero	Scabbard				
Fragment de vase	Frammento di vaso	Metallic fragment				
Fuseau	Fuso	Spindle				
Gobelet	Bicchiere	Beaker				
Goutte de bronze	Goccia di bronzo	Small alloy lump				
Hache	Ascia	Axe				
Hameçon	Amo	Hook				
Herminette	Accetta	Adze				

Subgraph of 'artefact'

```
1 itineRis::thesaurus(root = "artefact", outPlot = "collapsibleTree")
```

'''



From thesaurus to semantic network  <https://github.com/ANR-Itineris/itineris> CAA23, Amsterdam, 2023



DATA
semantic graph
From vocabulary
to items
Thesaurus

Itineris thesaurus available on Opentheso hub to create and share polyhierarchical thesauri

Cicolani V., Huet Th., Reich G., 2023, CAA23, Amsterdam, <https://tinyurl.com/caa23-itineris>

CASE STUDY : LIA analysis Golasecca / Hochdorf/ Chiusa Pesio

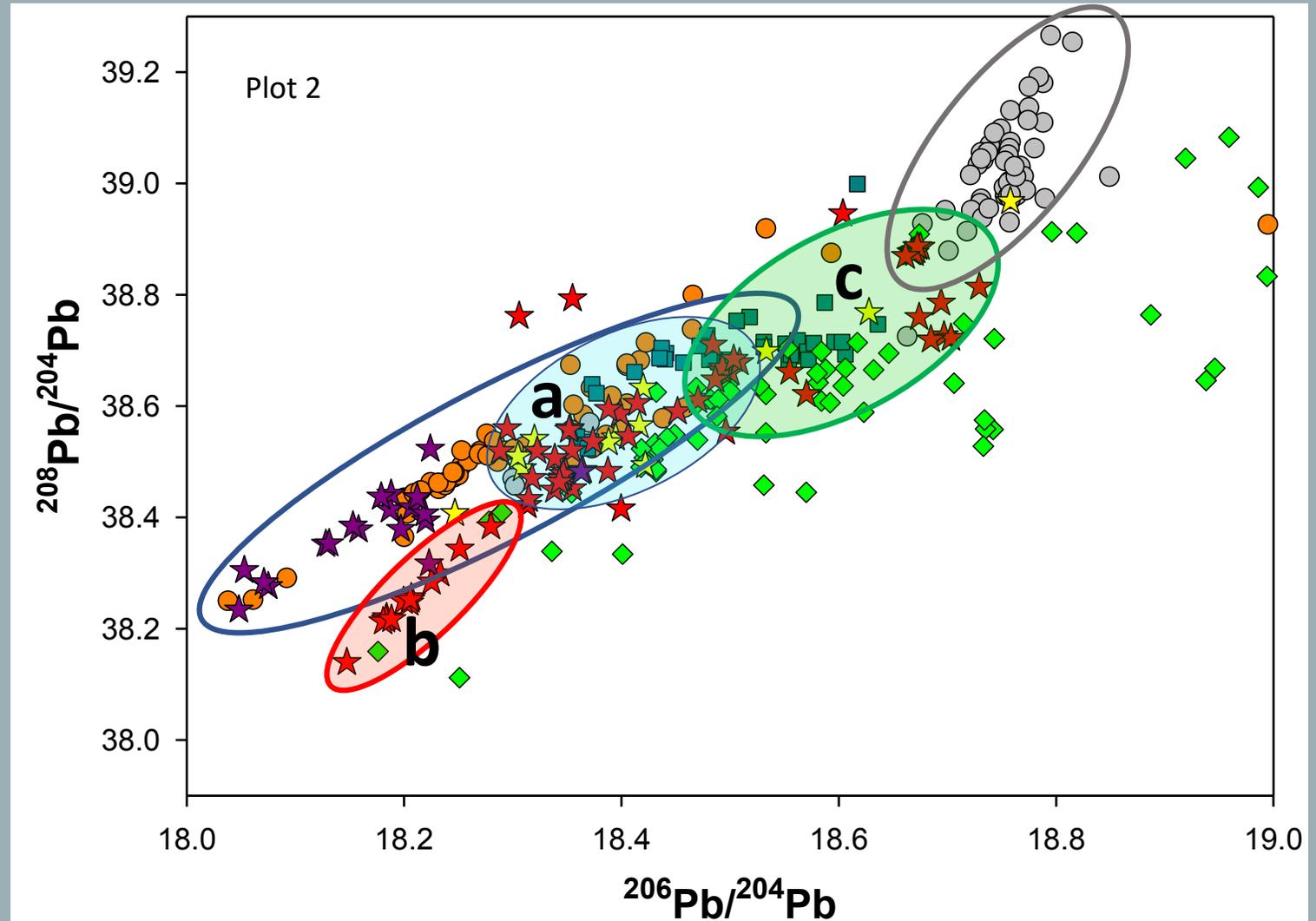
Veronica Cicolani, Gilberto Artioli, Chiara Lucarelli, Diana Modaresi Therani

Mining areas selected

- a) : Alpine area;
- b) : Iberia IPB;
- c) : France-Swiss area;
- d) : Tuscany.

Artefacts (stars)

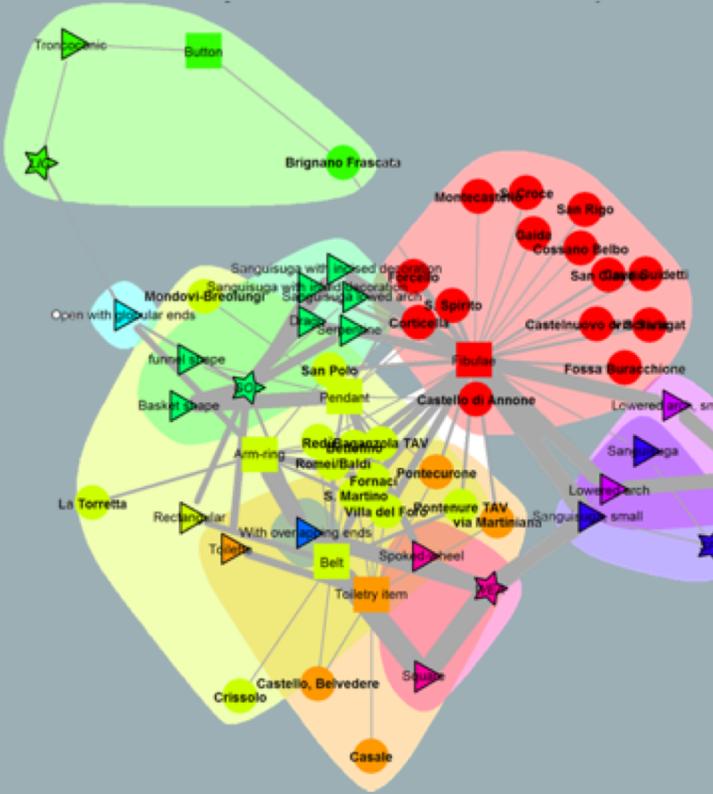
- **Yellow:** Golasecca
- **Red:** Hochdorf
- **Purple :** Chiusa Pesio



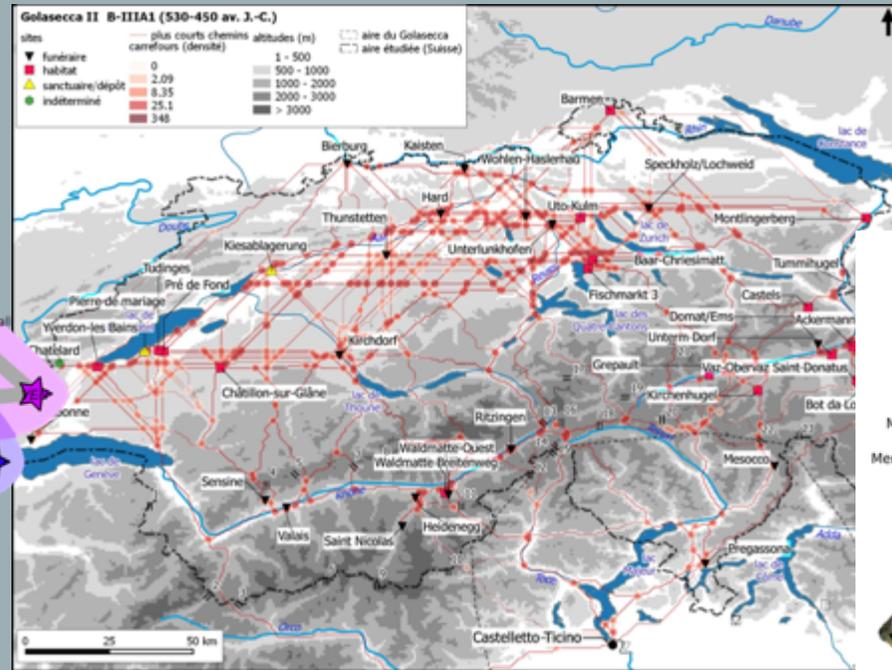
ONGOING NETWORK ANALYSIS

Modeling cultural & technological transfers

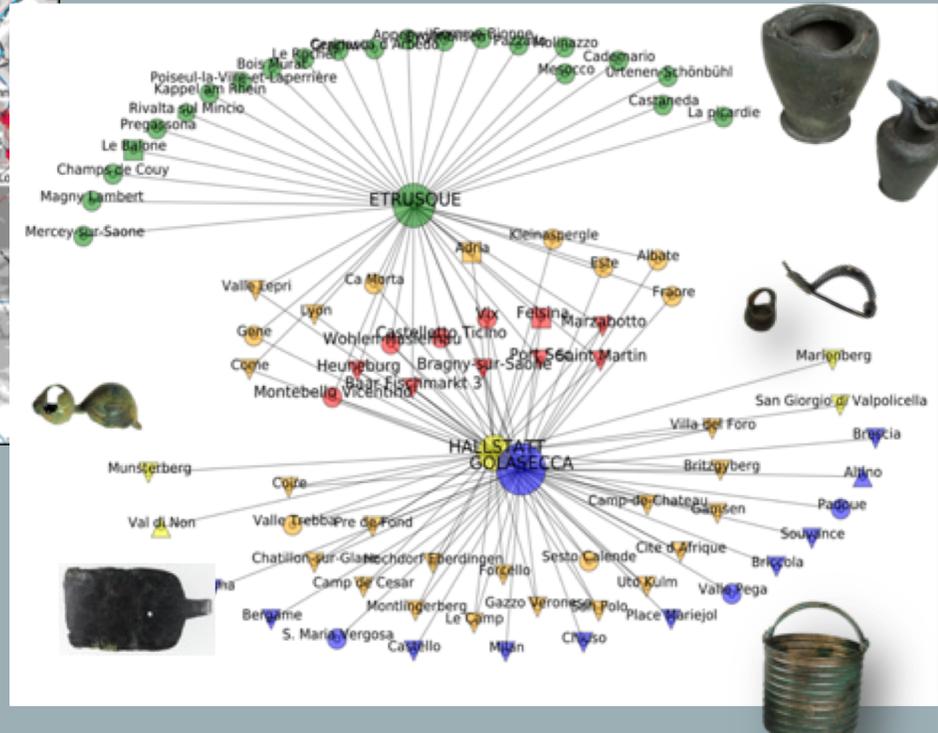
From objects to ancient social networks and back



Cicolani, Huet 2023



Cicolani, Huet 2019





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science ouverte

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SCAN ME





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