

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Elena Armaroli

Nationality: Italian

Born in: Bentivoglio (BO)

Date of birth: 28/11/1996

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CURRENT POSITION

- **From 01/11/2021:** PhD student, University of Modena and Reggio Emilia, Course “Models and Methods for Material and Environmental Sciences” – XXXVII Cycle.

Thesis title: “Understanding animal life-histories: highly spatially resolved elemental and isotopic analyses of fossil teeth”.

WORK EXPERIENCE

- **25/05/2021 – 31/10/2021:** Universal Civil Service at ARCI Ravenna, headquarters of the Department of Cultural Heritage, Laboratory of Osteoarchaeology and Paleoanthropology (Bones Lab) – University of Bologna.

Performed activities:

- Cleaning, restoration and study of human and animal skeletal remains of archaeological origin, as well as their photographic documentation by means of both semi-automatic digital camera and stereomicroscope equipped with a built-in digital camera.
- Support to the activities of students performing their curricular internship.
- Support in the organization and management of the International Dante Conference “Alma Dante 2021” (RA).

EDUCATION

- **2018/2020:** Master's Degree, University of Bologna, Archeologia e Culture del Mondo Antico, 110/110 with honors.

Thesis in Archaeoanthropology: "Uomini e stambecchi nel Paleolitico superiore dell'Italia nord-orientale. Il caso di Riparo Dalmeri (TN): risultati preliminari di un nuovo approccio multidisciplinare per l'analisi archeozoologica".

- **2015/2018:** Bachelor's Degree, University of Bologna, Beni Culturali, 110/110 with honors.

Thesis in Paleoanthropology: "Alle origini della Modernità Comportamentale: cultura materiale simbolica in *Homo sapiens* e *Homo neanderthalensis*".

- **2010/2015:** Liceo Classico "M. Minghetti", Bologna, 87/100.

CONFERENCE PROCEEDINGS

- Lugli, F., Silvestrini, S., Armaroli, E., Romandini, M., Di Rocco, G., Benazzi, S., 2021. Palaeoproteomics of tooth enamel: new frontiers in sex determination. *Proceedings of the 10th meeting of the Italian Association of Archaeozoology (AIAZ), Siena, November 2021.*

LAB EXPERIENCES

- **From November 2021**

- Geochemistry Lab

Performed activities: chromatographic separation of Sr.

- **Academic year 2019/2020**

- Drawing laboratory of prehistoric materials in Bologna, Dipartimento di Storia Culture Civiltà (DISCI).

Performed activities: graphic design of ceramic materials from archaeological excavations promoted by DISCI; elaboration of the drawings using the Inkscape software; cataloguing of published ceramic materials from contexts of the Italian Bronze Age.

- Documentation laboratory of prehistoric structures, in distance teaching mode due to the Covid-19 emergency.

Performed activities: use of Agisoft Metashape software (from the upload of the excavation photos to the creation of the mesh; from the mesh to the orthophoto; from the mesh to the digital elevation model DEM); use of AutoCAD software (archaeological drawing on orthophoto).

- **Academic year 2018/2019**

- Laboratory of experimental archaeology at the Solarolo site - via Ordiera (RA).

Performed activities: study of the weaving activity in the Bronze Age through the experimental realization of a vertical loom and loom weights, successively tested through the weaving activity; cataloguing of published archaeological materials relating to weaving in the Italian Bronze Age.

- **October – December 2017**

- Curricular internship at the Laboratory of Osteoarchaeology and Paleoanthropology (Bones Lab) of the Department of Cultural Heritage (RA), University of Bologna.

Performed activities: study of the functional anatomy of the human skeleton; cleaning and restoration of human skeletal remains of archaeological origin; analysis of morphological variations and morphometric measurements of bones and teeth; analysis of sexual dimorphism of the skeleton and variation of age-related characters; application of methods for estimating sex and age at death; reconstruction of stature and constitutional characteristics; detection of discontinuous features, functional stress indicators and pathological, traumatic and deficient lesions of the skeleton.

ARCHAEOLOGICAL EXCAVATIONS

- **19/08/2019 – 30/08/2019**

Lucone di Polpenazze del Garda - Site D (BS), Bronze Age pile-dwelling village: promoted by the Archaeological Museum of Valle Sabbia (MAVS).

- **24/06/2019 – 13/07/2019**

Mursia (Pantelleria, TP), Bronze Age village: promoted by the University of Bologna.

- **17/06/2018 – 30/06/2018**

Tharros - Capo San Marco (OR), Punic Necropolis: promoted by the University of Bologna.

PERSONAL SKILLS AND COMPETENCES

- **Language**

- Italian: mother tongue
- English (First Certificate, B2)

Reading ability: excellent

Writing ability: very good

Speaking ability: very good

- **Driving licence B**

TECHNICAL SKILLS AND COMPETENCES

- **Computer skills**

- Email, Word, Excel, PowerPoint: very good
- Inkscape, Metashape, AutoCAD: elementary

- **Use of stereomicroscope**