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Status/position: Phd student, scholarship

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Research Project

My present research concerns the investigation of pyrotechnology inside the archaeological context, in order to understand the evolution of the relationship between humans and fire within two paleolithic caves, Fumane cave (IT) and Hohle Fels (DE). The investigation of the anthropogenic features through microcontextual techniques, such as micromorphology, Fourier transform infrared spectroscopy (FTIR), X-ray fluorescence spectroscopy (Micro XRF) and organic petrology, will help us to reconstruct the use of space and the behavioral strategies adopted by prehistoric populations, who have inhabited the site from the Middle to Upper Paleolithic.

KEY WORDS:

PERIOD: Middle and Upper Paleolithic

GEOGRAPHY: Italy (North-Adriatic region) and Germany (Swabian Jura)

SPECIALITY: Geoarchaeology, micromorphology and microanalytical techniques

Accademic Studies

Since March 2019: **PhD candidate at Eberhard-Karls Universität Tübingen**, Mathematisch und Naturwissenschaftliche Archaeologie Fakultät. Supervisors: Prof. Nicholas Conard & Prof. Dr. Christopher Miller

March 2018 – August 2018: **Erasmus Traineeship**, Eberhard-Karls Universität Tübingen, Mathematisch und Naturwissenschaftliche Archaeologie Fakultät. Supervisors: Prof. Dr. Christopher Miller & Prof. Marco Peresani

October 2016 – December 2018: **M.A. in Quaternary, Prehistory and Archaeology**, University of Ferrara. Supervisors: Prof. Marco Peresani & Prof. Dr. Christopher Miller

October 2013 – November 2016: **Bachelor of Arts in Cultural Heritage**, University of Verona. Supervisor: Prof. Marco Peresani

Posters and presentations

D. Marcazzan 2019. Micromorphological investigation on the combustion features from the Late Mousterian of Fumane Cave (Italy). Annual meeting of Students in Evolution and Ecology, University of Tübingen, Germany.

M. Peresani, D. Delpiano, R. Duches, J. Gennai, **D. Marcazzan**, N. Nannini, M. Romandini, L. Tassoni, A. Aleo, A. Cocilova 2017, *Il Musteriano delle unità A10 e A11 a Grotta di Fumane (VR). Risultati delle campagne di scavo 2014,2016e 2017*; IV IAPP –Incontro Annuale di Preistoria e Protostoria, Ferrara -Applicazioni tecnologiche allo studio di contesti paleolitici e mesolitici italiani -7-8 febbraio 2018, Palazzo Turchi di Bagno –Aula Magna, Corso Ercole I d’Este, 32, Ferrara

Publications

M. Peresani, D. Delpiano, R. Duches, J. Gennai, **D. Marcazzan**, N. Nannini, M. Romandini, A. Aleo, A. Cocilova. 2017, *Il Musteriano delle unità A10 e A11 a Grotta di Fumane (VR). Risultati delle campagne di scavo 2014 e 2016*, *Fasti Online Documents & Research*2017

Excavations and fieldworks

Hohle Fels (Blaubeuren, Germany), June 2020. Directors: Prof. Nicholas J. Conard and Dr. Maria Malina (University of Tübingen)

Cornafessa shelter (Ala – Italy), July 2017. Director: Dr. Rossella Duches (MUSE–Science Museum of Trento (TN), Italy)

Fumane Cave (Fumane, Italy), from 2014 to 2019. Director: Prof Marco Peresani (University of Ferrara)

De Nadale Cave (Zovencedo - Italy), from 2014 to 2017. Director: Prof Marco Peresani (University of Ferrara)