

## Personal Information

Name: Elena Ghezze  
 Born on: June 20th, 1984  
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## Academic studies

- Sept. 2018 – 2021 Post-doc Marie-Curie Global Fellowship  
 Project title: REFIND: Remote strategies for fossil finding: multispectral images and species distributional modelling applications for large-scale palaeontological surveys.  
 I will go to the University of Oregon (USA) and then will return to Venice, Ca' Foscari. I will define a standard for the computed analyses of multispectral satellite images with high resolution, in order to find fossils of mammals, extinct whales and dinosaurs, exposed on the desert surfaces. Moreover, I will apply new geographical tools for reconstruct the palaeoranges of extinct species. My tutor will be professor Stefano Malavasi of the Department of Environmental Sciences, Informatics and Statistics.
- 04/03/2016- 17/12/2016 Master  
 GIScience and Unmanned System for the integrated management of the territory and the natural resources - with majors, Department of Civil and Environmental Engineering - University of Padua.  
 Project work developed on fossil endmember analysis on ENVI platform; evaluation “excellent”.
- 01/01/2012-17/03/2015 PhD - *Doctor Europaeus*  
 Department of Earth Science - University of Florence.  
 Final report: “The Late Pleistocene site of Equi (Massa, Apuane Alps): reevaluation of historical data and new discoveries. Morphological comparison of Italian and European Felids”.
- 01/01/2009-22/03/2011 MSc  
 Department of Prehistoric Science, University of Ferrara  
 Thesis title: “Fox, marmots and felids from Middle Pleistocene in the Cerè Cave (VR, Italy)”; evaluation 110/110 and laud.

## Current position

- Since January 2017 Research activity at the Natural History Museum of Venice for the analysis of the Villafranchian remains from Steggio (Treviso, Italy), with the first Italian palaeontological crowdfunding project STEGGIOESTINTA.
- 05/29/2014-04/30/2018 I am employed at the Municipality of Venice, Heritage management office.  
 2017 Project leader for PISTE RICICLABILI, a crowdmapping project for the urban cycling at Padua (Italy).

## Funding received

- 2018-2021 **Global Marie Skłodowska-Curie Fellowship** at the University Ca' Foscari, Dept. of Environmental Sciences, Informatics and Statistics, Venice. Tutor Pof. S. Malavasi
- 01/09/2013-31/12/2013 **Deutscher Akademischer Austausch Dienst** at the Naturkunde Museum (Berlin), Supervisor Dr. Hampe, and at the Staatliche Naturwissenschaftliche Sammlungen Bayerns (Munich) with the supervision of Pr. G. Rössner. Face value 5,000 € (award code: A/13/71401:)
- 1-19/10/2014 **Synthesys** of systematic resources, call1, EC-funded project for the creation of an integrated European infrastructure for Natural history collections. Title of the Project: “Comparative analysis of fossils of Middle and Upper

Pleistocene Hyaenidae and Felidae from Hungarian and Italian sites". Hungarian Natural History Museum, Supervisor Dr. M. Gasparik (funding code: HU-TAF-2845)

### Publication activities:

#### Peer-reviewed scientific journals:

- Rossi M.A., Agostini S., Palombo M.R., Angelini I., Caramiello S., Casarin F., **Ghezze** E., Marano F., Molin G., Reggiani P., Sangati C., Santello L., Socrate G., Vinciguerra E. (2017). The *Mammuthus meridionalis* from Madonna della Strada (Scoppito, L'Aquila): diagnostic and restoration. *Bollettino della Società Paleontologica Italiana* 56(3): 359-373.
- Ghezze** E., Giusberti L. (2016). New insights on *Anthracotherium monsvialense* De Zigno, 1888 (Mammalia, Cetartiodactyla) from the lower Oligocene of Monteviale (Vicenza, northeastern Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, 122(3): 119-140
- Pandolfi L., Carnevale G., Costeur L., Del Favero L., Fornasiero M., **Ghezze** E., Maiorino L., Mietto P., Piras P., Rook L., Sansalone G., Tassos Kotsakis T. (2016). Reassessing the Eocene-Oligocene Transition vertebrate assemblage of Monteviale (Vicenza, Italy). *Journal of Systematic Palaeontology* 15(2): 83-127 <http://dx.doi.org/10.1080/14772019.2016.1147170>
- Ghezze** E., Rook L., 2015. The remarkable *Panthera pardus* (Felidae, Mammalia) record from Equi (Massa, Italy): taphonomy, morphology, and paleoecology. *Quaternary Science Reviews* 110: 131-151. <http://dx.doi.org/10.1016/j.quascirev.2014.12.020>
- Ghezze** E., Boscaini A., Madurell-Malapeira J., Rook L. (2015). Lynx remains from the Pleistocene of Valdemino cave (Savona, Northwestern Italy), and the oldest occurrence of *Lynx spelaeus* (Carnivora, Felidae). *Rendiconti Lincei* 26(2): 87-95 doi:10.1007/s12210-014-0363-4
- Ghezze** E., Rook L. (2014) *Cuon alpinus* (Pallas, 1811) (Mammalia, Carnivora) from Equi (Late Pleistocene, Massa-Carrara, Italy): anatomical analysis and palaeoethological contextualisation. *Rendiconti Lincei* 25: 491- 504. doi: 10.1007/s12210-014-0345-6
- Ghezze** E., Palchetti A., Rook L. (2014). Recovering data from historical collections: stratigraphic and spatial reconstruction of the outstanding carnivoran record from the Late Pleistocene Equi cave (Apuane Alps, Italy). *Quaternary Science Reviews (Turner Memory)* 96: 168-179. <http://dx.doi.org/10.1016/j.quascirev.2014.03.012>
- Ghezze** E., Bertè D.F., Sala B. (2014). The revaluation of Galerian Canidae, Felidae and Mustelidae of the Cerè Cave (Verona, Northeastern Italy). *Quaternary International* 339-340: 76-89. <http://dx.doi.org/10.1016/j.quaint.2012.12.031>

#### Peer-reviewed conference proceedings

- Codato D., Malacarne D. **Ghezze** E., Pappalardo S.E., Diantini A., Artico C., Gianoli F., De Marchi M. (2017) Mapping from below: mappatura partecipata della rete ciclabile e delle sue criticità nella città di Padova. XXI Conferenza Nazionale ASITA, November 21-23, 2017, Salerno
- Ghezze** E. (2017). A new database developed for Pleistocene mammals: [www.paleogeographic.com](http://www.paleogeographic.com). EAVP XV Congress, August 1-3, Munich, abstract volume, *Zitelliana* 91:38. Poster.
- Delfino M., Abbate E., Balter V., Bondioli L., Candillio F., Carnevale G., Coppa A., **Ghezze** E., Ghinassi M., Libsekal Y., Macchiarelli R., Martin J.E., Martínez-Navarro B., Medin T., Papini M., Pavia M., Scarciglia F., Tacail T., Urciuoli A., Villa A., Zanolli C., Rook L. (2016) The Buia Project: a summary of two decades of vertebrate paleontology in the Early Pleistocene of Eritrea. International Conference on Eritrean Studies: The Way Forward. July, 20-22, Asmara, Eritrea. Talk.
- Delfino M., Abbate E., Balter V., Bondioli L., Carnevale G., Coppa A., **Ghezze** E., Ghinassi M., Libsekal Y., Macchiarelli R., Martin J.E., Martínez-Navarro B., Medin T., Papini M., Pavia M., Scarciglia F., Tacail T., Urciuoli A., Villa A., Zanolli C., Rook L. (2015). The twentieth anniversary of the Buia Project: vertebrate palaeontology in the Lower Pleistocene of Eritrea (East Africa). European Association of Vertebrate Palaeontologists. XIII Annual Meeting, Opole, Poland, 8-12 July. Abstract Book: 78
- Ghezze** E. (2014). A review of *Cuon alpinus* from the Equi Cave (Late Pleistocene, Apuane Alps). In: Abstract book and field trip guide. EAVP XII Congress, June 24-28, Turin.
- Kotsakis T., Costeur L., Del Favero L., Fornasiero M., **Ghezze** E., Maiorino L., Mietto P., Piras P., Rook L., Sansalone G., Pandolfi L. (2014). Reassessing the (?)Early Oligocene vertebrate

- assemblage of Monteviale (Vicenza, Italy). In: Abstract Book and Field trip guide. EAVP XII Congress, June 24-28, Turin.
- Bertè D., **Ghezzi** E., Berto C. (2013). I felidi della Ciota Ciara (VC) nel contesto del Pleistocene superiore. In: Abstract Volume. Paleodays 2013. p. 68-69, SPI Congress, May 23-25, Perugia
- Cenni C., **Ghezzi** E., Cioppi R., Rook L. (2013). Il leopardo di Equi: analisi morfologica e contestualizzazione cronologica. Giornate di Paleontologia XIII ed. Perugia, 23-25 maggio 2013, Volume dei riassunti
- Ghezzi** E., Ponso M. (2013). Il sito del Villafranchiano medio di Steggio (Possagno, TV): rivalutazione delle specie e nuovi restauri. Giornate di Paleontologia XIII ed, Perugia, 23-25 maggio 2013, Volume dei Riassunti
- Ghezzi** E., Cioppi E., Rook L. (2012). Applicazioni GIS per l'informatizzazione e la ricostruzione spaziale dei dati storici del sito pleistocenico di Equi (Fivizzano, MS). In: Volume dei Riassunti-Paleodays 2012. p. 47, Società Paleontologica Italiana, Catania, 24-26 maggio 2012
- Rook L., **Ghezzi** E., Lordkipanidze D., Tsikaridze N., Delfino M., Longo L. (2012). Archeologia e Paleontologia senza confini: il contributo Italiano al progetto Dmanisi (Georgia). In: Archeologia pubblica in Italia. Università degli Studi di Firenze / Comune di Firenze, Firenze, 29-30 Ottobre 2012
- Ghezzi** E. (2012). Revision of *Ursus* and *Marmota* from Grotta del Cerè (Northeastern Italy). Quaternary International, Abstracts: 279-280
- Bartoli C., Cioppi E., **Ghezzi** E., Rook L. (2012). Canidi e Felidi della Grotta di Equi (Fivizzano, MS). Giornate di Paleontologia XII edizione – Catania, May 24-26 2012; Abstracts Volume: 71.
- Ghezzi** E. (2012). Felidi e Ienidi d'Italia e d'Europa del Pleistocene medio e superiore: studio e georeferenziazione dei reperti museali. Giornate di Paleontologia XII edizione – Catania, May 24-26 2012; Abstracts Volume: 86.

*Italian Publications and chapters in collective volumes (non-peer-reviewed)*

- Bergamo A., **Ghezzi** E., Fornasiero M., Gatto R. (2017). L'ospite americano: ricostruzione storica dell'esemplare di *Smilodon fatalis* (Leidy, 1868) conservato presso il Museo di Geologia e Paleontologia dell'Università di Padova. *Museologia Scientifica* 11: 77-86 ISSN 1123-265X
- Reggiani P., **Ghezzi** E., Possenti E. (2016). Dog remains from the Early Middle Age site of Via Malanotti, Vittorio Veneto (Treviso, Italy). *Museologia Scientifica e Naturalistica* 12(1): in press  
Paleodays 2016, Volume dei riassunti e guida all'escursione. XVI Riunione annuale SPI. A cura di: Rook L., Bartolini S., **Ghezzi** E.
- Reggiani P., **Ghezzi** E. (2015). Dal sequestro al completo recupero: il restauro della lince della "Grotta del Gattopardo"(Savona). *Museologia Scientifica*, nuova serie 9: 62-68
- Sami M., **Ghezzi** E., (2015). Mammiferi del Pleistocene superiore nelle grotte dei gessi di Brisighella e Rontana. In: Lucci P. e Piastra S.: I gessi di Brisighella e Rontana. *Memorie dell'Istituto Italiano di Speleologia*, serie II vol XXVIII: pp. 101-112
- Rossetti S., **Ghezzi** E. (2014). Segnalazione di una vertebra di orso nell'Abisso Col de la Rizza (Provincia di Pordenone). *Quaderni del Museo di Storia Naturale di Ferrara* 2: 11-16

**Research expeditions**

- |                           |   |
|---------------------------|---|
| 10/11/2012-02/12/2012     | Palaeoanthropological field-work at <b>Mulhuli Amo</b> site (Buia, Eritrea)   |
| Sept. 2012 – Aug. 2009    | Palaeoanthropological excavation in the Upper and Middle Palaeolithic site of <b>Grotta di Fumane</b> (Verona, Italy) |
| 30/07/2012-25/08/2012     | <b>Dmanisi</b> Palaeoanthropology Field School 2012 (Georgia)   |
| 1-11/07/2012              | Palaeontological excavation in the Pliocene site of <b>Incarcal</b> (Spain)   |
| Jul. 2007, 2008, and 2011 | Palaeontological excavation in <b>Cava Filo</b> , S. Lazzaro di Savena (Bologna, Italy)                               |

**Organisation of International conferences**

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|-----------------|--|
| May 25-27, 2016 | Member of the team for the programme committee of the annual meeting of the Italian Palaeontological Society (SPI). Faenza |
| 2013-2016       | Promoter and main referee for the young palaeontologists round-table (PaiP workshop)                                       |

Sept.18-20, 2014 Co-organizer of the excursion, and presentation of the Equi site at the Congress of the European Society of Human Evolution (ESHE). Florence

### Restoring and work experiences

30/09/2016 The European Researcher's Night in collaboration to the Master in GIScience and Unmanned System for the integrated management of the territory and the natural resources

Sept. 2015-Jan. 2016 Restoration of the Monteviale collection composed by Oligocene mammals

May, 2015 Short visits at the National Museum Scotland (UK) and to the Royal Museum of Central Africa (Bruxelles, Belgium) to analyse the comparative bone collection of large Felidae

Jun.-Dec. 2013 Pre-restoration mapping using CAD software of *Mammuthus meridionalis* (L'Aquila), in association with "Arte&Restauro Studio" and the National Soprintendenza.

Mar. 2013 Restoration of two palaeovenetian skeletal horses for the archaeological exhibition: "Venetkens"

26/06/2012 Conference at the Natural History Museum of Trieste. Title: "Carnivori, una storia lunga un milione di anni"

Jan. - May 2011 Civil Service (volunteering) in the Natural History Museum of Ferrara

Nov. - Dec. 2010 Restoration of Miocene Odontocetes in the Geological and paleontological Museum of Padova University

Sept. 2010 Associated Italian supervisor for the dinosaur exposition arranged by the team of the Natural History Museum of New York

15/05/2010 Conference at the National Archaeological Museum of Adria (Soprintendenza per I Beni Archeologici del Veneto). Title: "Sepolture animali in contesti sepolcrali del Veneto (Con l'esempio della Biga di Adria)"

Mar. 2010 Restoration of a horse conserved in the Archaeological Museum of Oderzo (Treviso)

Sept. 2009 Restoration of Zangheri Collection (avifaunal embalmed) in the Natural History Museum of Verona

Febr. and Mar. 2009 Disassembly and assembly of an entire skeleton of *Loxodonta africana* and a dinosaur model (*T. rex* family) in the Natural History Museum of Torino

Jan. 2009 Restoration of a *Megatherium* sp. skull and some other bones of the same animal in the Natural History Museum of Torino for the darwin exhibition: "Darwin 1809-2009"

Febr. 2007 – Mar. 2008 Restoration of the Bolca vegetation in the Geological and Palaentological Museum of Padua University and Modena University

Jan. 2007 Modelling of two whale specimens in the Salsomaggiore Museum

### Participation at conferences, workshop, and courses

Italia e Germania, scambi accademici, scientifici, culturali. Sfide e prospettive europee, first Conference of the association Alumni DAAD Italy (ADIT - Deutscher Akademischer Austausch Dienst)

Enrico Ferreguti: workshop on geoprocessing in python with QGIS, July 13, 2017

XV Congress of the European Association of Vertebrate Palaeontologist (EAVP). Munich, August 1-3, 2017

H2020 Marina project (MML) workshop at Venice April 4<sup>th</sup>, 2017

Paleodays, Giornate di Paleontologia (Italian Paleontological Society Congress), since 2012

Workshop of PaiP (Palaeontologist in Progress) as main promoter and organizer of the events, 2013-2016

XII Congress of European Association of Vertebrate Palaeontologist (EAVP). Turin, June 24-28 2014

1st workshop INQUA CECLAP: The LGM in the Alps. Udine, December, 5-7, 2012

Workshop XI ed.: GRASS free ed Open Source GIS e Geodatabase. Trento, June, 18-22, 2012

Workshop on the definition of the Priabonian GSSP. Alano di Piave, June 8, 2012

PhD Day III ed. PhD meeting of the University of Firenze, May 16, 2012

XIII Symposium on GRASS e GFOSS. Trieste, February 15-17, 2012

XXI Congress of the Italian National Association of Science Museum (ANMS) – Padova, November 9-11, 2011

Taxidermist as art in the Natural Museum. Roma, December 1-3, 2011

Congress of the International union for Quaternary Research (INQUA) – Bern, July 21-27, 2011

Congress of the Italian National Association of Science Museum ANMS (Associazione nazionale musei scientifici). Ferrara 2011

### **Related activities**

#### *Reviewer for international paleontological journals*

- Elsevier, Global Book Production
- Quaternary Science Reviews
- Quaternary International
- PlosOne
- International journal of biodiversity and conservation
- Journal of Geography, Environment and Earth Science International
- Fossil Imprint

#### *Membership of scientific societies*

Since 2016 Cat Specialist Group

Since 2015 Associazione Faunisti Veneti

Since 2014 European Association of Vertebrate Palaeontology (EAVP)

2014 European Society of Human Evolution (ESHE)

Since 2012 Società Paleontologica Italiana (Italian Paleontological Society)

#### *Other memberships*

Since 2017 Alumni DAAD (German association - Deutscher Akademischer Austausch Dienst)

Since 2017 Alumni UNIPD (ex-students of the University of Padua)

Since 2016 FAI – Fondo Ambiente Italiano (non-profit organization for the Italian Heritage)

#### *Mentoring (supervisor for final thesis)*

A. Bergamo (University of Padua): “L’ospite americano: ricostruzione storica e descrizione comparativa del reperto di *Smilodon fatalis* conservato presso il Museo di Geologia e Paleontologia dell’Università di Padova”. 110L/110

F. Maccarone (University of Ferrara): “I grandi vertebrati del Pleistocene superiore di Posto Badisco (Lecce)”. 110/110

P. Vianello (University of Padua): “*Anthracotherium* of the Palaeontological Museum of Padua”. 110/110

A. Bergamo (University of Padua): “Specific characterization of Pleistocene lion finds: morphological comparison of fossil and current samples”. 107/110

C. Cenni (University of Florence): “Il leopardo di Equi: analisi morfologica e contestualizzazione cronologica”. 100/110

#### *Volunteering*

2009-2010 Bird rescue and keeper at the “Il giardino delle Capinere” in Ferrara for the LIPU Association

2008 Assistance at the S. Camillo Hospital (Lido-Venice) for SLA patients

since 2003 blood donor

#### *Software skills*

All releases of Windows, Word, Access and Excel, Power Point, LibreOffice, GIMP and Inkscape (simil Photoshop), Blender (3D modelling), Pix4D. Autodesk package: ReCap, Revit, AutoCAD as beginner user.

QuantumGIS, ArcGIS, GRASS, ENVI for georeferenced data and satellite image analyses and 3D rendering, SasPlanet, Google Earth Pro. PostgreSQL, Python and SQL as beginner user.

*Licence and hobbies*

UAV pilot for large drones (licence code: I.APRA.005641).

Taxidermist licence.

Trekking, macro, landscape and hunting photography, 3D graphic, uncompetitive swimming, website designer.

Blogger: <https://paleogeographic.com>; <https://steggioestinta.wordpress.com/>

*Social network*

Twitter: @GhezziPaleo @Paleo\_GG @Refind

Facebook pages: Paleogeographic; Refind

Venice March 16, 2018

Elena Ghezzi

A handwritten signature in black ink, appearing to read 'Elena Ghezzi', with a stylized, cursive script.