

Francesco Boschin - CURRICULUM VITAE

CURRENT POSITION

Researcher at the University of Siena (Ricercatore a tempo determinato senior).

SKILLS AND EXPERTISE

Zooarchaeology

Taphonomy

3D Microscopy

Micro-tomography of animal remains

EDUCATION

2-3/11/2017 Stage in zooarchaeology “L’archeologia degli uccelli” at the University of Florence.

18/12/2013 PhD in Earth Science and Prehistory at the University of Siena. Title of dissertation: *Macromammal remains from the Epigravettian of Grotta Paglicci: taphonomy, palaeoecology, and palaeoeconomy during the Late Glacial in Southern Italy*. Tutor: Prof. Paolo Boscato.

13-14/05/2008 - Stage in archaeomalacology at the University of Salento (Lecce).

8-10/04/2005 - Stage in zooarchaeology “Determinazione dei micromammiferi e studio nell’indagine paleoclimatica e biocronologica” at the University of Ferrara.

11/12/2004 - Degree in Natural Sciences with zooarchaeological options at the Faculty of Sciences, University of Trieste (**final mark 110/110 cum laude**). Title of dissertation: *The macromammals remains from the sauveterrian layers of the Edera Cave (Trieste Karst, Excavations: 1990-2001)*. Tutors: Prof. Dr. Biagi Paolo; Prof. Dr. Pugliese Nevio; Dr. Riedel Alfredo.

SCHOLARSHIPS

- **2008 November 1st – 2009 January 31st, Lubiana (Slovenia) - Bilateral Project Italy – Slovenia; zooarchaeological research project at the Institute of Archaeology of Lubiana.**
- **2007 October 1st – December 31st, Lubiana (Slovenia) - Bilateral Project Italy – Slovenia; zooarchaeological research project at the Institute of Archaeology of Lubiana.**
- **2006 August 22nd – December 16th, Vienna (Austria) - ERDISU-MOVE project - University of Trieste; research experience at the Natural History Museum of Vienna.**

Experience as Invited Researcher or free lance

- **2015** Heritage office of **Trento (Italy)** - Study of animal remains from Gardolo di Mezzo (Trentino, Italy, Eneolithic).
- **2015** Heritage office of **Trento (Italy)** - Study of animal remains from Arco – Via Serafini (Trentino, Italy, Epigravettian).
- **2014** South Tyrol Museum of Archaeology, **Bolzano (Italy)** – Study of animal remains and bone tools from Galgenbühel/Dos de la Forca (South Tyrol, Italy, Mesolithic).
- **2014** Heritage office of **Trento (Italy)** - Study of animal remains from Ala-Le Corone (Trentino, Italy, Mesolithic, Neolithic, Eneolithic, Middle Age).
- **2011** Institute for the Protection of Cultural Heritage of Slovenia - **Nova Gorica (Slovenia)** – Study of animal remains from Štanjel – Grad (Slovenia, Iron Age).
- **2009** Natural History Museum of **Vienna (Austria)** – Study of animal remains from Brixlegg (Tyrol, Austria, Bronze Age).
- **2008** Institute for the Protection of Cultural Heritage of Slovenia - **Nova Gorica (Slovenia)** – Study of animal remains from Bukovica Britof (Nova Gorica, Slovenia, Roman Age).
- **2008** Heritage Office of **Bolzano (Italy)** - Study of animal remains from Castel Presule (Early Modern Age) and Summersberg (South Tyrol, Italy, Middle-Age – Early Modern Age).
- **2005** Heritage Office of **Bolzano (Italy)** - Study of animal remains from Elvas Kreuzwiese (South Tyrol, Italy, Bronze Age, Iron Age and Roman Age).

OTHER EXPERIENCES

- **2009** Natural History Museum of **Trieste (Italy)** - Identification and cataloguing of palaeontological and zooarchaeological remains.
- **2008** Natural History Museum of **Trieste (Italy)** - Identification and cataloguing of palaeontological and zooarchaeological remains.
- **2007** Heritage Office of **Bolzano (Italy)** - Identification and cataloguing of animal remains to implement the osteological reference collection of the Heritage office.
- **2006** Natural History Museum of - **Trieste (Italy)** Identification and cataloguing of palaeontological and zooarchaeological remains.

INVITED SEMINARS

2014 March, 14th - Seminar for the “PalMeso Discussion Group” at the **McDonald Institute for Archaeological Research, University of Cambridge**: Francesco Boschin and Valentina Borgia (University of Siena and University of Cambridge) - *Late Upper Palaeolithic Macromammal Remains from Grotta Paglicci (Southern Italy): Hunters in a Changing World*.

SUPERVISION OF STUDENTS

2018 – University of Siena. Student: Marco Batini (Master of Science at the University of Siena). Title of thesis: Il riparo l’Oscurusciuto (Ginosa – Taranto). Studio dei resti faunistici della campagna di scavo 2017, US 4-5-6-7 – Paleolitico Medio.

2017 – University of Siena. Student: Clarissa Dominici. (Master of Science at the University of Siena). Title of thesis: La fine del Gravettiano a Grotta Paglicci (Rignano Garganico, FG): studio archeozoologico delle faune dello strato 18b.

2016 – University of Siena. Student: Melania Farnese. (Master of Science at the University of Siena). Title of thesis: Grotta Paglicci (Rignano Garganico, FG): I due piani d'ossa della sepoltura gravettiana PA III.

TEACHING EXPERIENCE

2019, 2018, 2017, 2015 – University of Perugia. Scuola di Paleoantropologia.

2019–ongoing – Prehistoric Ecology, Course in Natural and Environmental Sciences, University of Siena.

NATIONAL AND INTERNATIONAL PROJECTS

- **ERC-724046-SUCCESS**, PI: prof. Stefano Benazzi, Università di Bologna. **In Progress.** I am involved in the project to analyse faunal remains from central/southern Italy (Grotta di Cala dei Santi, Grotta di Castelcivita, Grotta della Cala, Riparo L'Oscurusciuto, Grotta del Cavallo).
- **RECOVERING OUR ANCESTORS LOST WORLD 2.0, Elettra proposal number 20190421.** Direction: prof. Adriana Moroni, Università di Siena. **2019.** Chemical analysis of organic residues on Uluzzian ornaments and Uluzzian and Mousterian lithic implements.
- **RECOVERING OUR ANCESTORS LOST WORLD, Elettra proposal number 20180262.** Direction: prof. Adriana Moroni, Università di Siena. **2018.** Chemical analysis of organic residues on Uluzzian lithic implements.
- **“Leben am Wasser. Ressourcen, Technik und Mobilität im Mesolithikum am Beispiel der Fundstelle Galgenbühel in Salurn (Südtirol)”**, funded by the Autonomous Province of Bolzano - South Tyrol, **Higher Education Support, University and Research Office.** In **2014** I was involved in the project to analyse faunal remains.
- **ICTP/Elettra EXACT Project (Elemental X-ray Analysis and computed Tomography)** funded by **Regione Friuli - Venezia Giulia (Italy)**. From **2012** I collaborated with the personnel at the Multidisciplinary Lab of the ICTP (Trieste, Italy) to develop new applications of MicroCT imaging to zooarchaeology.
- **“Evaluating hunter-gatherer subsistence strategies in late-glacial central Italy”**, funded by the **Leverhulme Trust.** direction: dr. Randolph Donahue (University of Bradford). As PhD Student at the University of Siena, in **2009** I was involved in the project for the study of Epigravettian animal remains from Grotta Paglicci.

MEMBERSHIP OF SCIENTIFIC SOCIETIES

- 2000 – present: **Società per la Preistoria e la Protostoria della Regione Friuli-Venezia Giulia.**
- 2004 – present: **AIAZ** (Associazione Italiana di Archeozoologia)
- 2010 – present: **ICAZ** (International Council for Archaeozoology)

COMMISSIONS OF TRUST

- Member, Board, **Società per la Preistoria e la Protostoria della Regione Friuli-Venezia Giulia.**

- Member, Steering Committee, **IRN TaphEN, European Network for Taphonomy.**

INTERNATIONAL MEETINGS AND CONFERENCES

- **2019 - 2019 IMEKO TC-4 International Conference on Metrology for Archaeology and Cultural Heritage (Florence, Italy, 4th – 6th December).**
Oral presentation: Boschin F., Moretti E., Aureli D., Crezzini J., Arrighi S., The cut runs deep: linking the cut marks to the cutting tools.
- **2018 - 1st International Conference Dogs – Past and Present, an interdisciplinary perspective (Rome, Italy, 14th – 19th November).**
Oral presentation: Boschin F., Bernardini F., Zanolli C., Tagliacozzo A., Tuniz C., Using X-ray microtomography to discriminate between dogs' and wolves' lower carnassial tooth.
- **2018 - XVIII UISPP Conference (Paris, France, 4th – 9th June).**
Oral presentation: Duches, R., Nannini, N., Fontana, A., Boschin, F., Crezzini, J., Romandini, M., Peresani, M., Hunting marmots on the Alps during the Late Glacial: experimental data and 3D morphometric analysis of projectile impact marks on bone.
Oral presentation: Romandini M., Arrighi S., Aureli D., Bortolini E., Boscato P., Boschin F., Crezzini J., Figus C., Moroni A., Negrino F., Peresani M., Pothier Bouchard G., Riel-Salvatore J., Ronchitelli A., Spinapolice E. Benazzi S., Mammals and birds in Italy: a view across the MP-UP humans transition.
- **2017 - Italian-Israeli Bi-National Workshop “Environmental Constraints and the Dispersal of the Modern Human in Eurasia between 45,000 and 20,000 years ago (Lecce, Italy, 27-28 November).**
Invited lecturer. Title of presentation: the palaeoecological meaning of macromammal remains from archaeological sites: some remarks from the Upper Palaeolithic of Southern Italy.
- **2016 - 4th ICAZ Taphonomy Working Group Meeting (Paris, France, 7-10 September).**
Oral presentations: Nannini N., Duches R., Boschin F., Crezzini J., Fontana A., Romandini M., Peresani M. - Archaeological bone injuries by lithic backed projectiles: new evidence based on experimental data and 3D analysis.
Boschin F., Aureli D., Rocca R., Giusti D. & Lemorini C. - Who really ate the elephant? New taphonomic and archaeozoological study of Ficoncella site.
- **2016 - 2nd Conference World of Gravettian Hunters. (Krakow, Poland, 16-20 May).**
Oral presentations: Boschin F., Boscato P.: Mammal exploitation during the Epigravettian of Grotta Paglicci (Apulia, Southern Italy).
Arrighi S., Aureli D., Boschin F., Crezzini J., Moretti E., Ricci S., Ronchitelli A.: *3D microscopy and Epigravettian engraved mobiliary art: a case study from Grotta Paglicci (Apulia, Southern Italy).*
Poster: Capecchi G., Ricci S., Boschin F., Monti L., Conemi S., Ronchitelli A.: *New evidence of vegetable diet in the Gravettian of Grotta Paglicci (Rignano Garganico, Puglia, Southern Italy).*
- **2015 – International Meeting ESHE (European Society for the Study of Human Evolution (London, UK, September 9th-13th).**

Poster: Oxilia G., Peresani M., Romandini M., Matteucci C., Debono Spiteri C., Henry A. G., Schulz D., Archer W., Boscato P., Crezzini J., Boschin F., Jaouen K., Dogandzic T., Broglio A., Moggi-Cecchi J., Fiorenza L., Hublin J-J., Kullmer O., Benazzi S.: *Earliest evidence of Proto-dental treatment in the Late Upper Paleolithic.*

- **2015 – 43^o Computer Applications and Quantitative Methods in Archaeology (CAA), Annual Conference (Siena, Italy, March 30th–April 3rd).**

Oral presentations: Spagnolo V., Aureli D., Boscato P., Boschin F., Crezzini J., Marciani G., Ricci S., Ronchitelli A., Poggi G.: *Integration between spatial analysis in a GIS environment and 3D models for the study of Middle Palaeolithic contexts: Molare Rockshelter (Scario – SA) and Oscurusciuto Rockshelter (Ginosa – TA).*

Crezzini J., Boschin F., Arrighi S., Giamello M., Ronchitelli A.: *Zooarchaeology, Prehistoric Art and digital imaging: quantitative analysis of bone modifications using 3D microscopy.*

- **2014 - 12th International Conference of Archaeozoology (San Rafael, Mendoza, Argentina, September 20th-28th).**

Oral presentations:

Boschin F., *Ibex remains from the 4234/2370FR cave (Friuli, North-East Italy): bone preservation in a high-altitude hypogean environment.*

Boschin F., Boscato P., Crezzini J., Wierer U., *The exploitation of Emys orbicularis in the alpine Mesolithic: the case-study of Galgenbühel/Dos de la Forca (South Tyrol, Italy).*

Crezzini J., Boscato P., Boschin F., Wierer U., *Small games exploitation at the Early Mesolithic rock shelter of Galgenbühel/Dos de la Forca (South Tyrol – Italy)*

Crezzini J., Boschin F., Boscato P., Ricci S., Ronchitelli A., *A Spotted Hyena den in the Middle Palaeolithic of Grotta Paglicci (Gargano promontory, Apulia, Southern Italy)*

Posters:

Boschin F., Zanolli C., Bernardini F., Princivalle F., Tuniz C., *A look from the inside: MicroCT analysis of burned bones*

Moretti E., Arrighi S., Boschin F., Crezzini J., Ronchitelli A., *How are the cut marks produced? A microscopic analysis of striations inflicted on bone surface using different stone tools.*

Zanolli C., Boschin F., Bernardini F., Corny J., Tuniz C., *A new method of investigation for discriminating between wolf and dog lower carnassial tooth.*

- **2014 - International Meeting ESHE (European Society for the Study of Human Evolution (Firenze, Italy, September 18th-20th).**

Oral presentation: Ronchitelli A., Boscato P., Aureli D., Boschin F., Crezzini J., Marciani G., Poggi G., Ricci S., Spagnolo V.: *The Middle Palaeolithic living floor of Unit 15 (55 kys BP) from the Oscurusciuto Shelter, Ginosa, Taranto, Southern Italy.*

- **2014 - XVII International Union for Prehistoric and Protohistoric Sciences (UISPP). Burgos (Burgos, Spain, September 1st-7th).**

Oral presentations: Aureli D., Moroni A., Arrighi S., Boscato P., Boschin F., Boschin G., Boschin F., Capocchi G., Crezzini J., Freguglia M., Marciani G., Parenti F., Ranaldo F., Ricci S., Spagnolo V., Ronchitelli A.: *Neanderthals amongst Neanderthals in Central-Southern Italy.*

Borgia V., Boschin F., Ronchitelli A.: *Hard animal tissue exploitation in the Upper Palaeolithic sequence of Paglicci cave (Southern Italy).*

Poster: Moretti E., Arrighi S., Boschin F., Crezzini J., Ronchitelli A.: *What can we find on a mandible? 3D imaging of an Epigravettian art object from Grotta Paglicci (Foggia, Southern Italy).*

- **2014 – MesoLife, A Mesolithic perspective on Alpine and neighbouring territories (Selva di Cadore, Italy, June 11th -14th).**
Oral presentation: Arrighi S., Bazzanella M., Boschin F., Wierer U.: *How to make and to use a bone spatula. The case of the Mesolithic site of Galgenbühel/Dos de la Forca (Salurn/Salorno, BZ-Italy).*
- **2013 - Au coeur des gisements mésolithiques: Entre processus taphonomiques et données archéologiques, Table ronde en hommage aux travaux d'André Thévenin, Université de Franche (Besançon, France, October, 29th-30th).**
Oral presentation: Wierer U., Arrighi S., Bazzanella M., Bertola S., Betti L., Boscato P., Boschin F., Crezzini J., Gala M., Tagliacozzo A.: *Living near the water – A research project about Mesolithic hunter-gatherer fisher-communities in the Alpine Adige Valley.*
- **2013 - 1st International Conference on Tomography of Materials and Structures; ICTMS (Ghent, Belgium, July, 1st-5th).**
Poster: Boschin F., Bernardini F., Zanolli C., Tuniz C., *MicroCT Analysis of Archaeozoological Remains: a Non-destructive Approach to Age-at-death Estimation.*
- **2012 - 2nd ICAZ Taphonomy Working Group. Meeting (Santander, Spain, September 12th-14th).**
Oral presentation: Boschin F., Crezzini J.: *Morphometry and multivariate statistics in taphonomy: cut marks vs. tooth marks.*
- **2010 - 11th International Conference of Archaeozoology (Paris, France, August 23rd-28th).**
Poster: Boschin F., Crezzini J., *3D digital Microscope: a new tool for taphonomic analysis;*
Oral presentation: Toškan B., Boschin F., Population diversity of Copper/Early Bronze Age “turbary dogs” in South-eastern Alps and its anthropological implications.

NATIONAL MEETINGS AND CONFERENCES

- **2018 – 9^o Convegno Nazionale di Archeozoologia (Ravenna, November 28th, December 1st).**
Oral presentation: Duches R., Nannini N., Fontana A., Boschin F., Crezzini J., Romandini M., Peresani M. Paleobalistica sperimentale e microscopia 3D: criteri identificativi per lesioni da impatto di proiettili tardo-epigravettiani.
Poster: Dominici C., Boschin F., Boscato P., La fine del Gravettiano a Grotta Paglicci (Rignano Garganico, FG): studio delle faune dello strato 18b.
Farnese M., Boschin F., Boscato P., Grotta Paglicci (Rignano Garganico, FG): i due piani d'ossa della sepoltura gravettiana PAIII.
- **2018 - IV IAPP – Incontro Annuale di Preistoria e Protostoria, (Ferrara, Februar, 7th-8th).**
Oral presentation: Mottes E., Bassetti M., Avanzini M., Boschin F., Cremona M. G., Cottini M., Dalmeri G., Festi D., Fontana F., Oeggl K., Rottoli M., Between the forest and the lake. The open-air Late Epigravettian site of Arco, via Serafini (Trentino, Northern Italy).

Oral presentation: Spagnolo V., Marciani G., Arrighi S., Aureli D., Boscato P., Boschin F., Capecchi G., Crezzini J., Moroni A., Ricci S., Scaramucci S., Ronchitelli A., GIS potentialities in reconstructing social structures and economic and settling strategies in Mousterian sites of Central-Southern Italy.

Oral presentation: Boschin F., Crezzini J., Arrighi S., Aureli D., Boscato P., Ronchitelli A., 3D imaging and taphonomy: methods, applications and perspectives.

Oral presentation: Nannini N., Duches R., Fontana A., Boschin F., Crezzini J., Romandini M., Peresani M., Hunting marmots on the Italian Pre-Alps during the Late Glacial: experimental data and 3D morphometric analysis of projectile impact marks on bone.

- **2015 – 8° Convegno Nazionale di Archeozoologia (Lecce, November 11th -14th).**

Poster: Francesco Boschin, Umberto Tecchiati *La fauna del sito di Elvas - Kreuzwiese presso Brixen-Bressanone (BZ) tra l'età del Bronzo e il Tardo Antico.*

Poster: Paolo Boscato, Francesco Boschin, Stefania Casini, Jacopo Crezzini, Umberto Tecchiati, *Nuovi dati faunistici del Bronzo finale e della prima età del Ferro dell'inse-diamento La Rocca di Chiuso (Lecco).*

- **2015 – L Riunione Scientifica dell'Istituto Italiano di Preistoria e Protostoria. Preistoria del cibo: l'alimentazione nella preistoria e nella protostoria. (Roma, October 5th-9th).**

Oral presentations: Boscato P., Arrighi S., Boschin F., Crezzini J.: *Gli ambienti, la caccia e lo sfruttamento delle parti scheletriche nel Paleolitico medio e superiore del Sud Italia.* Ronchitelli A., Aranguren B., Biagini P., Boscato P., Boschin F., Capecchi G., Condemi S., Crezzini J., Longo L., Mannino M., Marconi E., Mariotti Lippi M., Ricci S., Revedin A.: *Metodologie per la ricostruzione dell'alimentazione nel Paleolitico. Il caso studio di Grotta Paglicci (Rignano Garganico-FG).*

Wierer U., Betti L., Boscato P., Boschin F., Crezzini J., Girod A.: *Pesca, caccia e raccolta nel sito sauveterriano di Galgenbuehl/Dos de la Forca (Salorno, Bolzano).*

- **2015 – 21° Congresso dell'Associazione Antropologica Italiana (Bologna/Ravenna, September 3rd-5th).**

Poster: Oxilia G., Peresani M., Romandini M., Matteucci C., Debono Spiteri C., Henry A. G., Schulz D., Archer W., Boscato P., Crezzini J., Boschin F., Jaouen K., Dogandzic T., Broglio A., Moggi-Cecchi J., Fiorenza L., Hublin J-J., Kullmer O., Benazzi S.: *Earliest evidence of Proto-dental treatment in the Late Upper Paleolithic.*

- **2012 - 7° Convegno Nazionale di Archeozoologia (Ferrara, November 22nd-24th).**

Oral presentations:

Crezzini J., Boschin F., *La microscopia digitale 3D applicata alle indagini tafonomiche: l'esempio di Grotta dei Santi (GR);*

Boschin F., Boscato P., *Il cavallo e l'idruntino nella serie epigravettiana di Grotta Paglicci (Rignano Garganico, FG)*

Poster: Boschin F., Bernardini F., Zanolli C., Tuniz C., *Microtomografia applicata allo studio dei resti archeozoologici: un approccio non distruttivo per determinare l'età degli individui.*

- **2012 - XLVII Riunione Scientifica dell'Istituto Italiano di Preistoria e Protostoria Preistoria e Protostoria della Puglia (Ostuni, October 9th-13th).**

Poster: Boschin F., Boscato P., *Lo sfruttamento degli ungulati a Grotta Paglicci durante l'Epigravettiano Antico: i dati del livello 16A3-3.*

- **2009 - 6° Convegno Nazionale di Archeozoologia (Parco dell'Orecchiella, San Romano in Garfagnana, May 21st-24th).**
Oral presentation: Boschin F., *I resti archeozoologici di Castel Prösels (BZ, XVI-XVII sec.)*;
Poster: Boschin F., Toškan B., *L'avvicendamento delle popolazioni domestiche in Slovenia: proposta di un progetto di studio.*
- **2006 - 5° Convegno Nazionale di Archeozoologia (Rovereto, November 10th-12th).**
Oral presentation: Boschin F., Riedel A., *Grotta dell'Edera (Carso Triestino) dati preliminari sui macromammiferi dei livelli sauveterriani.*

ARCHAEOLOGICAL EXCAVATIONS

- **Ficoncella (Tarquinia, VT) Lower Palaeolithic. Direction: Museo Civico di Allumiere. Excavation year: 2015.**
- **Valle Giumentina (Abbateggio, PE) Lower and Middle Palaeolithic. Direction: Ecole Française de Rome. Excavation year: 2013**
- **Loc. Casette presso Colfiorito (PG). Roman Age burial. Direction: Cooperativa Archeologia ARL. Excavation year: 2012.**
- **Riparo l'Oscurusciuto, (Ginosa, TA), Middle Palaeolithic. Direction: Dep. of Environmental Sciences "G. Sarfatti", University of Siena. Excavation years: 2010, 2011, 2012, 2013, 2016, 2017, 2018.**
- **Grotta dei Santi, (GR, Argentario), Middle Palaeolithic. Direction: Dep. of Environmental Sciences "G. Sarfatti", University of Siena. Excavation years: 2010, 2011, 2013.**
- **Grotta di Santa Croce (Bisceglie, BA), Middle Palaeolithic. Direction: Dep. of Environmental Sciences "G. Sarfatti", University of Siena. Excavation year: 2011.**
- **Bukovica Britof (Bukovica, Nova Gorica, Slovenija), Imperial Age. Direction: Tomaž Fabec, Zavod za varstvo kulturne dediščine Območna enota Nova Gorica. Excavation year: 2008.**
- **Riparo di Visogliano (Duino Aurisina, TS), Lower Palaeolithic. Direction: Prof. Dr. Tozzi Carlo, University of Pisa. Excavation year: 2004.**
- **Grotta Pocala (Duino Aurisina, TS), Middle Palaeolithic. Direction: Dott. Ruggero Calligaris, Natural History Museum of Trieste and Prof. Gernot Rabeder (University of Vienna). Excavation years: 2003, 2004.**
- **Grotta dell'Edera (Duino Aurisina, TS), Mesolithic. Direction: Prof. Dr. Biagi Paolo, Università Ca' Foscari Venezia; Dr. Barbara Voytek, Institute of Slavic, East European & Eurasian Studies, University of California (Berkeley). Excavation year: 2000**

DIRECTION OF ARCHAEOLOGICAL EXCAVATIONS

- **2019 – Riparo L'Oscurusciuto (Ginosa, TA) Middle Palaeolithic.**
- **2016 - Riparo di Aterrana (AV) Middle Palaeolithic.**

EXPERIENCE IN SCIENCE POPULARIZATION, ENVIRONMENTAL EDUCATION AND CULTURAL HERITAGE EDUCATION

Experience as Tourist/Nature Guide

- **2005 – 2009** Nature Guide in several nature reserves in North-eastern Italy: Foce dell’Isonzo, Laghi di Doberdò e Pietrarossa, Falesie di Duino, Val Rosandra.
- **2005, 2007, 2008, 2009** Tourist guide at the “Grotta Gigante”, a tourist cave near Trieste (Italy).

Experiences as founding member of the Cultural Association “EreRemote”

- 2008** Organization of “Non solo Minerali”, a series of talks and field excursions in the Province of Trieste, in collaboration with the Mineralogical and Petrographic Museum of the University of Trieste
- 2007** Realization of the fotografic exhibition “*Mongolia: 3500km 800 anni dopo Gengis Khan.*” at the University of Trieste.
- 2005** Collaboration with the Forestry Corp of the Autonomous Region Friuli-Venezia Giulia to realize the “Sentiero Ressel”, a nature trail near Trieste (Italy).
- 2004** May 8th -9th Sistiana (Trieste, Italy): Organization of the meeting: “Carso Triestino: Natura e Archeologia. Valorizzazione turistica e didattica dei beni archeologici e naturalistici del Carso”.
- 2003** March, 7th – 9th Duino Aurisina (Trieste, Italy): Organization of the meeting “CX Anniversario della Scoperta della Grotta Pocala.”.

Other experiences

- 2015** Realization of an Archaeological/Palaeontological permanent exposition at the Museo Civico of Allumiere (Rome, Italy).
- 2014** Science popularization at the Natural History Museum of Trieste (Italy).
- 2013** Science popularization at Salorno (South Tyrol, Italy) as part of the research project “Living near the water” founded by the Autonomous Province of Bolzano.

Outreach Seminars

- 2019 April, 16th** - Società per la Preistoria e Protostoria della Regione Friuli Venezia Giulia (Trieste): Antenati Vegetariani? I piaceri della carne nell’evoluzione umana.
- 2018 October, 3rd** – Marina di Camerota (SA): Archeozoologia: lo studio dei resti faunistici recuperati nei siti archeologici
- 2018 May, 14th** - Pint of Science (Siena): E il lupo diventò un agnello...Storie di cani e uomini preistorici.
- 2018 March, 13th** - Società per la Preistoria e Protostoria della Regione Friuli Venezia Giulia (Trieste): Animali domestici nella Preistoria...e uomini domestici?
- 2017 March, 14th** - Società per la Preistoria e Protostoria della Regione Friuli Venezia Giulia (Trieste): Il grande freddo è finito: cacciatori e prede dopo l’ultima glaciazione.
- 2017 February, 17th** – TourismA – Preistoria d’Italia (Firenze): Paleolitico Medio (together with prof. Marco Peresani, prof. Lucia Sarti, dott. Francesca Romagnoli).
- 2016 Februar, 16th** - Società per la Preistoria e Protostoria della Regione Friuli Venezia Giulia (Trieste): Uomini e Cani nella preistoria: l’inizio di una lunga amicizia.
- 2015 March, 25th** - Talk at the Center for Ancient Mediterranean and Near Eastern Studies (CAMNES), Florence: Lo scavo e le metodologie della Ricerca Preistorica.

- 2015 April, 1st** - Talk at the Center for Ancient Mediterranean and Near Eastern Studies (CAMNES), Florence: L'ambiente preistorico: cambiamenti climatici e sfruttamento delle risorse ambientali.
- 2012, May, 4th**, Società per la Preistoria e Protostoria della Regione Friuli Venezia Giulia: Grotta Paglicci (Trieste): tra arte e vita quotidiana nel Paleolitico superiore del Gargano.
- 2012, February, 7th**, Società per la Preistoria e Protostoria della Regione Friuli Venezia Giulia (Trieste): Il riparo Musteriano dell'Oscurusciuto.
- 2008, October, 28th**, Centro Visite della Riserva Naturale della Val Rosandra (Trieste): Resti quaternari della Val Rosandra nelle collezioni del Museo Civico di Storia Naturale di Trieste.
- 2008, March, 12th**, Società per la Preistoria e Protostoria della Regione Friuli Venezia Giulia (Trieste): Vagabondi nei boschi – il Mesolitico sul Carso Triestino.
- 2006, May, 9th**, Museo di Mineralogia e Petrografia, Università degli Studi di Trieste: Fossili dimenticati – le faune di alcune cavità del Carso Triestino.
- 2005, November, 11th** Società per la Preistoria e Protostoria della Regione Friuli Venezia Giulia (Trieste): Archeozoologia: come la zoologia può aiutare la ricerca archologica.