



## MARCO PERESANI

## Marco Peresani - CV

Personal Information Family name, First name: Peresani, Marco  
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Present Appointment 2014-present Associate Professor at the University of Ferrara, Department of Humanities  
 1993-2014 - Researcher at the University of Ferrara, Department of Humanities

Education 1989- 1992: Society of the Universities of Bologna, Ferrara and Parma

Ph.D: Anthropological Science

- Topic. The prehistoric peopling of Europe. Adaptations to dry and cold environments on the southern alpine slope.

1982- 1988: Dipartimento di Scienze Geologiche, University of Ferrara

BA/MA: Geological Science

- Topic. The Pleistocene sequence of Grotta di San Bernardino. Sedimentological and paleopedological study of sediments and techno-typological analysis of the lithic industries.

Current Projects • PI and associate member in projects granted by National Geographic Society (PI), Leakey Foundation (PI), Fondation Fyssen (AM).

- Research at Grotta di Fumane: the Middle– Upper Paleolithic transition in Northern Italy. Fieldwork and investigations on Neandertal – Modern Humans interaction.
- Research on the final Middle Paleolithic in Northeast Italy. Fieldwork and investigations of a new site in a key region between the Po and the Danube basins.
- The Palaeolithic of Southern Albania. Survey on the Middle and Late Palaeolithic.
- The Late-glacial human occupation of eastern Italian Alps. Fieldwork and research in Veneto, Trentino and Friuli regions.

Fieldwork, Direction of Excavations • Grotta di Fumane: cave, Middle Palaeolithic and Early Upper Palaeolithic, Venetian Pre-Alps: 2006- present

- Grotta del Rio Secco: cave, Middle Palaeolithic, Carnic Pre-Alps: 2010-present
- Grotta De Nadale: cave, Middle Palaeolithic, Berici Hills, Veneto: 2014-present
- Piovesello: open site, Mid-Late Palaeolithic, Northern Appennine, 2013-present
- Grotta del Clusantin: cave, Late Upper Palaeolithic, Carnic Pre-Alps: 2002-2005
- Cansiglio Plateau: open air sites, Late Upper Paleolithic and Mesolithic, Venetian Pre-Alps: 1993-2002
- Val Lastari: open air site, Late Upper Paleolithic, Asiago Plateau, Venetian Pre-Alps: 1990-1996

Current and Past Teaching Appointments at the University of Ferrara Masters-level teaching:

- Course Director and Tutor, Department of Humanities, University of Ferrara; “Chronology and Cultures of the late Palaeolithic”: 2007- present

Undergraduate-level teaching:

- Course Director and Tutor, Department of Evolutionary Biology, University of Ferrara; “Prehistoric Ecology”: 1997- 2011
- Course Director and Tutor, Department of Evolutionary Biology, University of Ferrara; “Quaternary Geology”:

1999- 2011

- Course Director and Tutor, Department of Evolutionary Biology, University of Ferrara; “Pedoarchaeology”:

2004- 2011

Other Teaching Appointments • Visiting Lecturer, Universitat Rovira I Virgili, 2010

- Field-lessons “Experimental Archaeozoology”: 2006
- Lecturer, University of Trento, 2004
- Visiting Lecturer, Université Aix-en-Provence, 2000 and 2004
- Visiting Lecturer, Université de Paris I, 2002

Supervisory Appointments at Ferrara and Other Universities Ph.D. Supervisor

- Quaternary, Prehistory and Anthropology: 5 students graduated since 2011
- Anthropological Sciences : 1 student graduated in 2005
- Formation Préhistoire, Archéologie des Civilisations de l’Antiquité et du Moyen-Age, Université de Provence (Aix-Marseille I) : 3 students graduated since 2004

Masters Tutor

- Course on Prehistoric Sciences and on Quaternary, Prehistory and Archaeology, Ferrara: over 40 students graduated since 2005

Undergraduate Tutor

- Courses on Technologies for Cultural Heritage, on Natural Sciences, on Earth Sciences, Ferrara : over 20 student graduated since 1996
- Courses on Earth Sciences, Archaeology, Cultural Heritage: Milano, Padova, Bologna, Venezia : 10 students graduated since 1993

Referee for Post-Doctoral Contracts, University of Ferrara • Subjects: Archaeozoology of the Mousterian levels at Grotta di Fumane; Analysis of animal hard material used to produce tools, ornamental objects or for consumption of the Aurignacian at Grotta di Fumane; Lithic production and use living space by *H.Neanderthalensis*. Study of the flint industry of unit A6 at Grotta di Fumane and comparisons; Functional analysis of Uluzzian and final Mousterian industries at Grotta di Fumane; Analysis of the palaeoliving floors at Grotta di Fumane and Riparo del Broion; Technology and function: the use of traceological analysis to recognize the Epigravettian subsistence strategies in Northern Italy.

Referee for Post-Graduate Fellowships,

University of Ferrara • Subjects: Grotta di Fumane. Study of the palaeoliving floor of unit A6 from the spatial distribution of artefacts and ecofacts; Technological and typological analysis of Mousterian lithic implements. Functional analysis of the epigravettian lithic industry of Grotta del Clusantin. Geoarchaeological study of the Grotta del Col de la Stria (VI) infill: survey, documentation and interpretation of field.

Memberships in Associations and Commissions • Collaborator of the Istituto Italiano di Preistoria e Protostoria (IIPP): since 1994

- Italian Association of Anthropologists (AAI): since 1992
- VIII Commission of International Union of Prehistoric and Protohistoric Sciences (UISPP): since 2006
- XXVII Commission of International Union of Prehistoric and Protohistoric Sciences (UISPP): since 2006
- Steering Council of Italian Quaternarists Association (AIQUA): 2006-2009; 2015-present

Memberships on Peer Reviewing Boards • Reviewer for Current Anthropology, Journal of Archaeological Science, Journal of Human Evolution, PLoS ONE, Quaternary International, Paléo, Journal of Archaeological Method and Theory, Bulletin Société Préhistorique Française, Science, Bullettino Paleontologia Italiana, Royal Society Open Science.

- Elsevier Outstanding Reviewer in 2015

Memberships on Museum Scientific Committees • Eco-Anthropological Museum Consiglio: 2002

- Archeological Museum Torre (PN): 2003
  - Archeological Museum Bostel, Rotzo (VI): 2004
  - Livelet Archeological Parc, Revine Lago (TV): since 2005
- Exhibitions • VR60768. Anthropomorphic figure. Rome: 2015 (dir.)
- Cambio de Imagen. Burgos: 2014 (coll.)
  - Homo sapiens. La grande storia della diversità umana: 2011 (coll.)
  - Museo dell’Uomo e del Consiglio: 2011 (coll.)

Organization of Scientific Sessions and Meetings • Humankind and the avian world: archaeological and zooarchaeological evidence for inferring behavioural evolutionary signatures. XVII Congresso UISPP, Burgos, september 2014, in collaboration with R.Blasco.

- Les sociétés de l’Allerød et du Dryas récent entre Atlantique et Méditerranée. Société Préhistorique Française. Université Bordeaux, may 2012, in collaboration with M.Langlais and N.Naudinot.

- Flakes Not Blades - Discussing the role of flake making at the onset of the Upper Palaeolithic, Workshop, Neanderthal Museum, March 2011, in collaboration with A.Pastors and G.C.Weniger.
- Neanderthals and Anatomically Modern Humans in Italy. Palaeogeography, ecology and culture in the isotopic stage 3, XVIII Congress of the Anthropology Italian Association. A session organised by A.A.I. and Italian Quaternary Association (AIQUA), October 2009, Florence, in collaboration with C. Ravazzi
- Climate and civilisation from Late Glacial to Anno Domini, AIQUA Meeting "The Quaternary climatic variability: the Italian research", February 2009, Rome, in collaboration with M. Cremaschi

Administrative Experience in Educational Institutions • Ph.D. Academic Committee in Anthropological Science. Society of the Universities of Bologna, Ferrara and Parma: 1993-2006

- Ph.D. Academic Committee in 'Scienze e Tecnologie per l'Archeologia e i Beni Culturali'. Society of the Universities of Ferrara, Modena and Siena: 2006- present
- Academic Committee for Post-Doctoral Contracts – member. University of Ferrara: 2007- present
- Director of Experimental Archaeozoological Stages. University of Ferrara: 2006-2008
- Director of the Summer School on Didactics in Palaeolithic Archaeology. University of Ferrara: 2015

Publications • One co-authored handbook, over 5 edited books and over 200 articles published in yearly and peer reviewed journals, separate chapters in volumes, contributions in proceedings meetings. Other contributions appear in 10 guides of scientific excursions; 40 yearly fieldwork reports; presentations of scientific volumes; 140 abstracts and extended abstracts; 4 books and 15 articles for public audiences; 12 panels; 7 museum guides; and several archaeological itineraries and maps.

Research Metrics • Publications: 211 (6 books, peer reviewed and non-peer reviewed papers)

• Citations: 439, H-index: 11

• [http://www.scopus.com/cto2/main.uri?origin=resultslist&stateKey=CTOF\\_655297876](http://www.scopus.com/cto2/main.uri?origin=resultslist&stateKey=CTOF_655297876)

Major Collaborations • Max Planck Institute for Evolutionary Anthropology, Germany; Dipartimento di Scienze dell'Antichità, Università degli Studi di Roma "La Sapienza", Italy; ORAU, University of Oxford and Mac Donald Institute, University of Cambridge, UK; IPHES, University of Tarragona, Spain; Geoscience, Southern Cross University, Australia; Eberhard Karls Universität Tübingen, Germany; Dipartimento Scienze della Terra, Università Milano I; Dipartimento per la Dinamica dei Processi Ambientali; Neanderthal Museum.

## LIST OF MOST RELEVANT PUBLICATIONS

Selection of books and 20 most relevant publications

### Edited Books

Langlais M., Naudinot N., Peresani M. (eds.), 2014, Les groupes culturels de la transition Pléistocène-Holocène entre Atlantique et Adriatique. Actes de la séance de la Société préhistorique française, Bordeaux 24-25 may 2015, Séances de la Société préhistorique française Paris, 3, pp. 205-220, ISBN 2-913745-56-3.

Pastors A., Peresani M. (Eds.), 2012 Flakes Not Blades - Discussing the role of flake making at the onset of the Upper Palaeolithic, Proceedings of the Workshop, Wissenschaftliche Schriften des Neanderthal Museums, 5.

Peresani M. (Ed.), 2003, Discoid Lithic Technology. Advances and Implications. British Archaeological Reports, International Series, 1120, Oxford.

### Journal articles

1. Peresani M., Cristiani E., Romandini M., 2016, The Uluzzian technology of Grotta di Fumane and its implication for reconstructing cultural dynamics in the Middle – Upper Palaeolithic transition of Western Eurasia. *Journal of Human Evolution* 91, pp. 36-56.
2. Duches R., Nannini N., Romandini M., Boschini F., Crezzini J., Peresani M., 2016. Identification of Late Epigravettian hunting injuries: descriptive and 3D analysis of experimental projectile impact marks on bone. *Journal of Archaeological Science*, 66, pp. 88-102.
3. Benazzi S., Slon V., Talamo S., Negrino F., Peresani M., Bailey S.E., Sawyer S., Panetta D., Vicino G., Starnini E., Mannino M.A., Salvadori P.A., Meyer M., Pääbo S., Hublin J.J., 2015, The makers of the Protoaurignacian and implications for Neandertal extinction. *Science*, 348 (6236), pp. 793-796.
4. Benazzi S., Bailey S.E., Peresani M., Mannino M., Romandini M., Richards M.P., Hublin J.J., 2014, Middle Paleolithic and Uluzzian human remains from Fumane Cave, Italy. *Journal of Human Evolution*, 70, pp. 61-68.
5. Higham T., Douka K., Wood R., Bronk Ramsey C., Brock F., ..... Peresani M., et al., 2014, The timing

and spatio-temporal patterning of Neanderthal disappearance. *Nature*, 512, pp. 306-309.

6. Talamo S., Peresani M., Romandini M., Duches R., Jéquier C., Nannini N., Pastoors A., Picin A., Vaquero M., Weniger G.C., Hublin J.J., 2014, Detecting human presence at the border of the northeastern Italian Pre-Alps. 14C dating at Rio Secco Cave as expression of the first Gravettian and the late Mousterian in the northern Adriatic region. *PLoSOne* 9(4): e95376.

7. Romandini M., Peresani M., Laroulandie V., Metz L., Pastoors A., Vaquero M., Slimak L., 2014, Convergent Evidence of Eagle Talons Used by Late Neanderthals in Europe: a Further Assessment on Symbolism. *PlosOne*, 9(7), e101278, pp. 1-11.

8. Peresani M., Vanhaeren M., Quaggiotto E., Queffelec A., d'Errico F., 2013, An ochered fossil marine shell from the Mousterian of Fumane Cave, Italy. *PLoSOne*, 8(7), e68572.

9. Peresani M., Fiore I., Gala M., Romandini M., Tagliacozzo A., 2011, Late Neandertals and the intentional removal of feathers as evidenced from bird bone taphonomy at Fumane cave 44ky BP, Italy. *Proceedings National Academy of Science*, 108, 3888-3893.

10. Peresani M., Cremaschi M., Ferraro F., Falguères Ch., Bahain J.-J., Gruppioni G., Sibilia E., Quarta G., Calcagnile L., Dolo J.-M., 2008, Age of the final Middle Palaeolithic and Uluzzian levels at Fumane Cave, Northern Italy, using 14C, ESR, 234U/230Th and thermoluminescence methods. *Journal of Archaeological Science*, 35, 2986-2996.

11. Peresani M., Centi L., Di Taranto E., 2013, Blades, bladelets and flakes: a case of variability in tool design at the onset of the Middle – Upper Palaeolithic transition in Italy. *Comptes Rendus Palevol*, 12/4, pp. 211-221.

12. Peresani M., 2012, Fifty thousand years of flint knapping and tool shaping across the Mousterian and Uluzzian sequence of Fumane cave. *Quaternary International*, 247, 125-150.

13. Peresani M., 2011, At the end of Middle Palaeolithic in the Italian Alps. An overview on Neandertal land-use, subsistence and technology. *Vertebrate Paleobiology and Paleoanthropology Series*, Springer ed., 249-259

14. Higham T.F.G., Brock F., Peresani M., Broglio A., Wood R. and Douka K., 2009, Problems with radiocarbon dating the Middle and Upper Palaeolithic transition in Italy. *Quaternary Science Reviews*, 28, 1257-1267.

15. Peresani M., 2008, A new cultural frontier for the last Neanderthals: the Uluzzian in Northern Italy. *Current Anthropology*, 49/4, 725-731.

16. Bona F., Peresani M., Tintori A., 2007, Indices de fréquentation humaine dans les grottes à ours au Paléolithique moyen final. L'exemple de la Caverna Generosa dans les Préalpes lombardes, Italie. *L'Anthropologie*, 111 (3), 290-320.

17. Peresani M., Porraz G., 2004, Ré-interprétation et mise en valeur des niveaux moustériens de la Grotte du Broion (Monti Berici, Vénétie). Etude techno-économique des industries lithiques. *Rivista di Scienze Preistoriche*, LIV, 181-247.

18. Peresani M., 2001, Méthodes, objectifs and flexibilité d'un système de production Levallois dans le Nord de l'Italie. *L'Anthropologie*, T. 105, pp. 351-368.

19. Avigliano R., Di Anastasio G., Imbrota S., Peresani M., Ravazzi C., 2000, A new late glacial - early Holocene palaeobotanical and archaeological record in the eastern Pre-Alps: the Palughetto basin (Cansiglio Plateau, Italy). *Journal of Quaternary Science*, 15 (8), pp. 789-803.

20. Peresani M., 1998, La variabilità du débitage Discoïde dans la Grotte de Fumane (Italie du nord). *Paléo*, n° 10, pp. 123-146.