

Marco Peresani - Curriculum vitae

PERSONAL INFORMATION

Family name, First name: Peresani, Marco

Researcher unique identifier: ORCID=0000-0001-6562-6336

Date of birth: 02/11/1963

Nationality: Italian

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Professional Preparation

Ferrara University, Geology, BSc-MSc, 1989

Bologna University, Anthropology, Ph.D., 1993

Appointments

2014-present Associate Professor, Department of Humanities, University of Ferrara

1993-2014 Researcher, Faculty of Mathematics, Natural and Physical Science, Ferrara University

Competence, research targets and current projects

Since 1993 Marco Peresani designs and coordinates research projects focused on the human populations of Mediterranean Europe, particularly in the north of Italy and the Alps. The Neanderthal - Anatomically Modern Humans bio-cultural replacement and the Late Glacial and Early Holocene hunter-gatherer settlement dynamics are the main topics he deals with. As an archaeologist and a geoarchaeologist, he studies depositional and post-depositional processes and uses lithic technology as a primary research tool. Most relevant investigations have revealed the existence of behavioural variability of the Neanderthals, across the Middle - Upper Palaeolithic Transition and the Upper Palaeolithic up to the Early Mesolithic. His research projects involve numerous sites in the Italian Alps and the Marche Apennines, among which Grotta di Fumane and other sites in Friuli and Veneto with key cultural sedimentary sequences. Collaborator of ERC project SUCCESS coordinated by University of Bologna.

Teaching activities

Undergraduate teaching (Laurea Triennale in Scienze e Tecnologie per i Beni Culturali e in Storia, Arte e Archeologia): Metodologie per lo Scavo Archeologico, Ecologia Preistorica, Paleopedologia. Masters-level teaching (Laurea magistrale e Master Erasmus Mundus): Cronologia e Culture del Paleolitico, Tecnologia e tipologia delle industrie litiche nel Corso di Laurea Magistrale in Quaternario, Preistoria e Archeologia.

Undergraduate teaching (Laurea Triennale in Beni Culturali) University of Verona: Preistoria e Protostoria (since AA 2015-2016).

Commissions of trust

Scientific Advisory Board for PhD in Biologia Evoluzionistica e Ambientale; Scienze e Tecnologie per l'Archeologia e i Beni Culturali; Human Sciences. Università di Ferrara: 2005-present.

Memberships of scientific societies

- Collaborator of Istituto Italiano di Preistoria e Protostoria (dal 1994)
- Associazione Italiana Quaternario
- Associazione degli Antropologi Italiani
- President of Centro Ricerche Corbanese (2002-2008)
- VIII UISPP Commission (dal 2006)
- President Council of Associazione Italiana Quaternario (2006-2009; 2015-2019)
- Accademico Olimpico Ordinario, Accademia Olimpica, Vicenza (15.12.2014)
- Research Network "ESHE - European Society for the study of Human Evolution" (2011-present).

Fieldwork, Direction of Archaeological Excavations

- Grotta di Fumane: cave, Middle Palaeolithic and Early Upper Palaeolithic, Venetian Pre-Alps: from 1993 to 2005 as Co-director; from 2006 to present as Director
- 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 Apennine, 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

Organization of meetings

Le foreste dei cacciatori paleolitici. Tambre d'Alpago, 20 giugno 2008.

Clima e civiltà dal Tardiglaciale all'Anno Domini. Convegno AIQUA La variabilità del clima nel Quaternario. Roma, febbraio 2009.

Neandertals and Anatomically Modern Humans in Italy. Palaeogeography, ecology and culture in the isotopic stage 3, XVIII Congresso Associazione Antropologica Italiana, Firenze, ottobre 2009.

Workshop internazionale FLAKES NOT BLADES, Neanderthal Museum, marzo 2011.

Les sociétés de l'Allerød et du Dryas récent entre Atlantique et Méditerranée. Société Préhistorique Française, Université Bordeaux, maggio 2012.

Humankind and the avian world: archaeological and zooarchaeological evidence for inferring behavioural evolutionary signatures. XVII Congresso UISPP, Session B8 Burgos, settembre 2014.

Ricostruire l'evoluzione dell'interazione uomo-ambiente. Applicazioni e prospettive, Dipartimento di Scienze della Terra. Workshop AIQUA Firenze, febbraio 2016.

Rediscovering the Uluzzian. A Leakey Foundation Project. Workshop, Ferrara, Dipartimento di Studi Umanistici, novembre 2016.

Synergistic Activities

Academic editor for PLoS ONE

2016: Guest editor for Quaternary International

Member of the Scientific Committee of Paléo, Bulletin de la Société Préhistorique Française, P@lethnologie, Gortania, Archeologia Veneta, Bullettino di Paletnologia Italiana, Il Quaternario.

Reviewer for Current Anthropology, Journal of Archaeological Science, Journal of Human Evolution, PLoS ONE, Quaternary International, Journal of Archaeological Method and Theory, Bulletin de la Société Préhistorique Française, Science, Royal Society Open Science.

National and international grants achieved as Principal Investigator

Le Paléolithique ancien et moyen d'Italie centrale: territoires et évolutions techniques.

In co-direzione con Elisa Nicoud (CNRS). École Française de Rome: 2016 a oggi

Rediscovering the Uluzzian in Italy. (2015/2016 general grant) Partners: Università Bologna e Università Siena. Leakey Foundation, USA. 05-05-2015 - 31-01-2017

L'Ultimo Neandertal in Friuli. Tra Ricerca, Tutela e Valorizzazione, un Laboratorio Archeologico permanente: Grotta del Rio Secco, Altopiano di Pradis. Regione Friuli Venezia - Giulia, Centro Regionale di Catalogazione e Restauro: 2013-2014

Neanderthal and the oldest evidence of body adornment with feathers. Excavation at Grotta di Fumane, Italy. National Geographic Society, Committee for Research and Exploration, 9022-11: 2011-2013

Pratiche venatorie e dinamiche comportamentali degli ultimi cacciatori paleolitici del Trentino. Fondazione Cassa di Risparmio Trento e Rovereto: 2009-2011

Il sito di Riva del Garda - via Brione (Trento). Approccio tecnologico e tipologico all'industria litica di un abitato del secondo stile della Cultura dei Vasi a Bocca Quadrata. Fondazione Cassa di Risparmio Trento e Rovereto: 2008-2009

La Grotta di Fumane, gli ultimi Neandertaliani e i primi sapiens nei Monti Lessini. Progetto di ricerca archeologica. Fondazione CARL Verona & Regione del Veneto - Dipartimento Cultura: 2001÷2010

Grants sourced from Università di Ferrara - Fondo Ricerca Ateneo

2006÷2007 - Ambiente, popolamento e strategie di sussistenza nel Pleistocene dell'area alto-medio adriatica. Casi di studio.

2008÷2011 - Biogeografia, cronologia e comportamento degli ultimi neandertaliani. Elementi di confronto.

2012÷2014 - Biogeografia, culture, economie del popolamento pleistocenico in Italia. Elementi di valutazione.

2016 - Fondo Ateneo Ricerca.

National habilitation

2017 - Abilitazione Scientifica Nazionale, Italian national qualification to be Professor in Anthropology, SC 05/B1, SSD Bio08.

2017 - Abilitazione Scientifica Nazionale, Italian national qualification to be an Associate Professor in Anthropology, SC 05/B1, SSD Bio08.

2014 - Abilitazione Scientifica Nazionale, Italian national qualification to be Professor, SC 10/A1, SSD L-ANT/OI Preistoria e Protostoria.

Publications

Over 200 Scientific meetings have been attended and 230 podium presentations and posters have been contributed. Publication list includes edited books and papers in Italian, English and French published as articles in peer-reviewed journals like Nature, Science, Proceedings of the National Academy of Science, Journal of Human Evolution, Journal of Archaeological Anthropology, Journal of Archaeological Science, Quaternary

Science Reviews, PlosOne, Journal of Quaternary International, and others and chapters in volumes and conference proceedings.

Total Publications: 247 (1 handbook, 7 edited book, 52 peer reviewed papers, 113 non-peer reviewed papers and 73 book's chapters). Non counted publications: short reports and notes.

20 selected publications

1. Bassetti M., Ferraro F., **Peresani M.**, 2008, Analisi sedimentologica e micromorfologica delle unità epigravettiane di Riparo Cogola - Carbonare di Folgaria (Trento). *Preistoria Alpina*, 43, pp. 25-47.
2. 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.
3. **Peresani M.**, Dallatorre S., Astuti P., Dal Colle M., Ziggotti S., Peretto C., 2014, Juggling the interpretation of Neanderthal behaviour from symbolic to utilitarian. New inferences from the study of engraved stone surfaces. *Journal of Anthropological Science*, 92, pp. 233-255
4. 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.
5. Fu Q., ... **Peresani M.**, Krause J., Pääbo S., Reich D., 2016, The genetic history of Ice Age Europe. *Nature*, 534, pp. 200-205.
6. Higham T., ... **Peresani M.**, Jacobi R., 2014, The timing and spatio-temporal patterning of Neanderthal disappearance. *Nature*, 512, pp. 306-309.
7. 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.
8. Duches R., **Peresani M.**, Pasetti P., 2017, Success of a flexible behavior. Considerations on the manufacture of Late Epigravettian lithic projectile implements according to experimental test. *Archaeological and Anthropological Sciences*.
9. Mussi M., **Peresani M.**, 2011, The Palaeolithic Settlement of Italy during the Younger Dryas. In: Straus, L.G., Goebel, T., (Eds.), *Younger Dryas - Human Reactions*. *Quaternary International*, 242, pp. 360-370.
10. Naudinot N.A., Tomasso A., Tozzi C., **Peresani M.**, 2014, Changes in mobility patterns as a factor of ¹⁴C date density variation in the Late Epigravettian of Northern Italy and Southeastern France. *Journal of Archaeological Science*, 52, pp. 578-590.
11. Oxilia G., **Peresani M.**, Romandini M., Matteucci C., Debono Spiteri C., Henry A.G., Schulz D., Archer W., Crezzini J., Boschini F., Boscato P., Jaouen K., Dogandzic T., Broglio A., Moggi-Cecchi J., Fiorenza L., Hublin J.J., Kullmer O., Benazzi S., 2015, Earliest evidence of dental caries manipulation in the Late Upper Paleolithic. *Nature Scientific Reports* 5, 12150.
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.**, 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.
14. **Peresani M.**, Duches R., Miolo R., Romandini M., Ziggiotti S., 2011, Small specialized hunting sites and their role in Epigravettian subsistence strategies. A case study in Northern Italy. In: Bon Fr., Costamagno S., Valdeyron N. (eds.), *Hunting Camps in Prehistory. Current Archaeological Approaches, Proceedings of the International Symposium, May 13-15 2009, University Toulouse II - Le Mirail, P@lethnology*, 3, 251-266.
15. **Peresani M.**, Miolo R., 2012, Small shifts in handedness bias during the Early Mesolithic? A reconstruction inferred from Microburin technology in the eastern Italian Alps. *Journal of Anthropological Archaeology*, 31, pp. 93-103.
16. **Peresani M.**, Ravazzi C. (Eds.), 2009, *Le foreste dei cacciatori paleolitici. Ambiente e popolamento umano in Consiglio tra Tardoglaciale e Postglaciale. Supplemento al Bollettino Società Naturalisti Silvia Zenari, Pordenone*, 256 pp.
17. **Peresani M.**, Tomio C., Dalmeri G., 2014, Les grattoirs épigravettiens et leur «raccourcissement» durant le Tardiglaciaire en Italie. Reflets d'un changement dans l'économie du débitage. In: Langlais M., Naudinot N., Peresani M. (eds.), *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.
18. **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.
19. **Peresani M.**, Nicosia C., 2015, Comparative study of two Late Pleistocene sequences with paleosols and aeolian deposits at the Alpine foreland. *Geografia Fisica e Dinamica Quaternaria*, 38(1), pp. 41-53.
20. Patoors 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, 293 pp.

Outreach and Scientific collaboration to the arrangement of museum sections and exhibitions

Collaborative advices to museums, didactics projects, publication of over 50 large public books, notes and touristic panels. Collaboration to Cultural Heritage initiatives: *Raccontare per immagini. Verona - Museo Archeologico Nazionale: 2017-2018. Scientific collaboration to preparation of museum sections: Museo Preistorico-paleontologico di Sant'Anna D'Alfaedo (VR), 1996, 2001; Museo Naturalistico-Archeologico di Santa Corona, Vicenza, 1996; Museo della Grotta, Pradis-Clauzetto, 2001, 2007; Museo Archeologico di Matelica, 2004; Museo Archeologico di Torre, Pordenone, 2006; Museo Archeologico di Treviso, Anno 2007; Museo dell'Uomo e del Cansiglio, 2011. Esposizioni temporanee: "Homo sapiens", Roma, Novara, Milano; "Cambio de Imagen. Una nueva visión de Los Neandertales", Museo de la Evolución Humana; "VR60768. Anthropomorphic figure", Italian Art Promotion, Camera dei Deputati, Roma; "Antiche città e paesaggi di Albania", Tirana; "preHISTORIA CONTEMPORANEA", Università di Ferrara; "Estinzioni", MUSE. Collaboration to documentaries, television programs, reviews.*

