

Daniel Pereira

22/05/1989, Portugal

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Collaborateur bénévole PACEA UMR 5199, Univ. Bordeaux France

Employment History

2025 - Now: Postdoctoral Research Fellow, Department of Cultural Heritage, Univ. Bologna (Italy)

2022 - 2024: Postdoctoral Research Fellow, UMR-5199, PACEA, Univ. Bordeaux (France)

2021 - 2022: Postdoctoral Research Fellow, CNRS Researcher, UMR-5199, PACEA, Univ. Bordeaux (France)

2016 - 2020: PhD Research Fellow, Department of Life Sciences and Biotechnology, Univ. Ferrara (Italy)

Research Interests

Human Evolutionary history, Mesolithic/ Neolithic Archaeology, Personal ornaments, Pottery decorations, Networks analysis, Biological and Cultural Co-evolution

Education

Degree

2020: PhD in Evolutionary Biology and Ecology. Univ. of Ferrara in collaboration with Univ. of Parma and Univ. of Florence (Italy)

2015: Masters in Biodiversity, Genetics and Evolution. Univ. of Porto (Portugal)

2012: Bachelor in Genetics and Biotechnology. Univ. of Trás-os-Montes e Alto Douro (Portugal)

Thesis

2020: Ph.D. Thesis. Qualitative modelling of ecological systems: Extending calculation procedures and applications. Supervisors: Antonio Bodini, Marco Scotti. Univ. of Ferrara in collaboration with Univ. of Parma and Univ. of Florence (Italy)

2015: MSc Thesis: Y-chr and mtDNA diversity in the context of Eurasian language diversity. Supervisor: Guido Barbujani, Univ. of Ferrara (Italy)

2011: BSc Thesis: *In-vitro* Culture of *Camellia japonica* L.. Supervisor: Olinda Pinto Carnide, UTAD (Portugal)

Funding

Collective projects

Participation

2025 - Now: ERC SyG n.101118565 – LAST NEANDERTHALS, dir. Stefano Benazzi

2023 - 2024: Emergence Project, IDEX Bordeaux “Out of the Core: Exploring social NETWORKS at the dawn of Agriculture in Western Asia 10 000 years ago” dir. S. Rigaud

2022 - 2023: Action 5 “Network analysis applied to the spread of innovations” of WP3 “How and why do novel cultural traits emerge, propagate and disappear?” of the GPR “Human Past”, Dept Archaeological Sciences, Univ. Bordeaux, dir. S. Rigaud

2021 - 2022: Momentum CNRS project “Symboling and Neighboring at the dawn of agriculture 8000 years ago” dir. S. Rigaud

Individual grants

2016 - 2019: PhD. Funding from the University of Ferrara in collaboration with Univ. of Parma and Univ. of Florence (Italy)

Individual Awards

2024: The “Charles C. Kolb Award for Archaeological Ceramics” by The Society for Archaeological Sciences

Referee for peer-reviewed journals

- Archaeological and Anthropological Sciences
- PCI Archaeology

Professional Memberships

2022 – 2023: European Association of Archaeologists Full Membership

Publications

d'Errico, F., Baker, J., **Pereira, D.**, Álvarez-Fernández, E., Lázníčková-Galetová, M., Rigaud, S. (**Accepted**). Multivariate analyses of Aurignacian and Gravettian personal ornaments support cultural continuity in the Early Upper Palaeolithic. PLoS ONE

Bodini, A., **Pereira, D.**, Scotti, M. (**2024**). The decline of kilas, sturgeons and seals in the Caspian Sea: The potential of qualitative Loop Analysis for the cumulative assessment of multiple drivers of stress. Marine Pollution Bulletin. <https://doi.org/10.1016/j.marpolbul.2024.116091>

Baker, J., Rigaud, S., **Pereira, D.**, Courtenay, L.A., d'Errico, F. (**2024**). Evidence from personal ornaments suggest nine distinct cultural groups between 34,000 and 24,000 years ago in Europe. Nature Human Behaviour. <https://doi.org/10.1038/s41562-023-01803-6>

Pereira, D., Manen, C., Rigaud, S. (**2023**). The shaping of social and symbolic capital during the transition to farming in the Western Mediterranean: archaeological network analyses of pottery decorations and personal ornaments. PLoS ONE, 18(11): e0294111.

<https://doi.org/10.1371/journal.pone.0294111>

Pereira, D., Rocchi, M., Favilla, S., Bodini, S., Scotti, M. (**2023**) LevinsAnalysis R package (version 0.2) [Computer software]. URL: <https://github.com/DPardejo/LevinsAnalysis-v0.2>

Scotti, Marco, **da Silva Pereira, Daniel F.** and Bodini, Antonio (**2020**). Understanding Social–Ecological Systems using Loop Analysis. Human Ecology Review, 26 (2). pp. 39-57.

<https://doi.org/10.22459/her.26.02.2020.03>

Talks presented in international conferences, workshops, symposiums

Participation

Yelözer S., **Pereira D.**, Rigaud S., Duru G., (2024) Beads and Identities at Aşıklı Höyük: a network of relationships. #s1103 Embodied identities: unravelling symbolic threads through ornaments, garments, and portable objects. 30th Annual Meeting of the European Association of Archaeologists, 28th -31st of August. Rome, Italy

Pereira, D., Rigaud, S., Manen, C. (2022). Network analysis was applied to the spread of symbolic productions during the Mesolithic-Neolithic transition in Europe. #s176 Ornaments as a key to understanding the Hunter-Gatherer to Farming transition in Europe. 28th Annual Meeting of the European Association of Archaeologists, 31st of August - 3rd of September. Budapest, Hungary

Pereira, D., Scotti, M., Bodini, A. (2019). Caspian Sea: network mechanics and stress response. XV SITE Incontro dei Dottorandi e Giovani Ricercatori (Young Researchers Meeting). Ostana, Italy

Pereira, D., Susca, R., Barbuji, G. (2015). Y-chr and mtDNA diversity in the context of Eurasian language diversity. XI Portuguese Evolutionary Biology Meeting. Lisbon, Portugal

Teaching experience

Pereira, D. (2025). *Network Analysis in Archaeology*. Invited Class - Analysing cultural change: a methodological perspective - Laurea Magistrale in International Cooperation on Human Rights and Intercultural Heritage. 10th of April. Univ. Bologna, Italy {1.5 hours}.

Pereira, D. (2024). *Q & A with Network Analysis. Western Mediterranean Early Neolithic Archaeological Similarity Networks*. Summer School "Digital Archaeology" 2024 GPR Human 'Past' / FSAB / GP ARCHEO. 01-06 of July. Univ. Bordeaux, France {3 hours}.

Pereira, D. (2023). *Q & A with Network Analysis. Western Mediterranean Early Neolithic Archaeological Similarity Networks*. International Research Seminars - M2 Biogéosciences. 23rd November. Univ. Bordeaux, France {1.5 hours}.

Pereira, D. (2022). *Network analysis applied to the spread of symbolic productions during the Mesolithic-Neolithic transition in Europe*. International Research Seminars - M2 Biogéosciences. 10th November. Univ. Bordeaux, France {1.5 hours}.

Pereira, D., Rigaud, S. (2022). *Network Analysis Applied to the Spread of symbolic productions during the Early Neolithic in Western Mediterranean*. 9^e Journée des Doctorants de la FSAB. 10th May. Univ. Bordeaux, France {20 minutes}.

Pereira, D. (2021). *Networks of contact at the Dawn of Neolithic in Europe*. International Research Seminars - M2 Biogéosciences. 30th September. Univ. Bordeaux, France {1.5 hours}.

Pereira, D. (2019). *Presentation of LevinsAnalysis R package*. 1st February. CIBIO-INBIO, Univ. Porto, Portugal {1.5 hours}.

Pereira, D. (2019). *Presentation of LevinsAnalysis R package*. 19th June. School "Primer in Ecology". Univ. Parma, Italy {1 hour}.

Language skills

Portuguese: native

English (TOEFL - iBT score): 27(reading), 28(listening), 27(speaking), 24(writing), 106(overall)

Italian (self-assessment): B2(reading), B2(listening), B2(speaking), B1(writing), B2(overall)

Other interests

2019 - now: *Socio volontario* (Active member) of ESN ASSI Parma

2024 - now: Member of the *Consiglio Direttivo* (Executive Council) ESN ASSI Parma

2023 - 2024: Member of the *Collegio dei Garanti* (Board of Guarantors) ESN ASSI Parma

2021 - 2022: Member of the *Consiglio Direttivo* (Executive Council) ESN ASSI Parma