

João Cascalheira

ASSISTANT RESEARCHER

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Summary

I am an archaeologist interested in prehistoric hunter-gatherer adaptations, specifically in how these are related to processes of climate and environmental change. I focus on the study of lithic technological organization and its correlation with various aspects of ecological dynamics and human behavior. I currently direct three field projects, I am co-responsible for a project investigating the origins and evolution of modern human cognition in southwestern Iberia, and a collaborator in different projects in Mozambique. My publication record counts with 5 books/edited volumes, 28 publications in peer-review journals, and 42 other publications as first author or in collaboration. I also have 132 public presentations in international professional conferences.

Education

Ph.D. in Archaeology

University of Algarve, Portugal

THESIS: THE MEDITERRANEAN INFLUENCE ON THE SOCIAL NETWORKS OF THE IBERIAN SOLUTREAN

2013

MA in Archaeology

University of Algarve, Portugal

FINAL CLASSIFICATION: 19 OUT OF 20. THESIS: SOLUTREAN LITHIC TECHNOLOGY FROM THE VALE BOI ROCKSHELTER

2009

Licenciatura in Cultural Heritage

University of Algarve, Portugal

FINAL CLASSIFICATION: 16 OUT OF 20

2007

Employment History

Assistant Researcher

University of Algarve, Portugal

POSITION FUNDED BY FUNDAÇÃO PARA A CIÊNCIA E A TECNOLOGIA

2019-Present

Post-Doctoral Researcher

University of Algarve, Portugal

POSITION FUNDED BY FUNDAÇÃO PARA A CIÊNCIA E A TECNOLOGIA

2014-2019

Visitor Assistant Professor

University of Algarve, Portugal

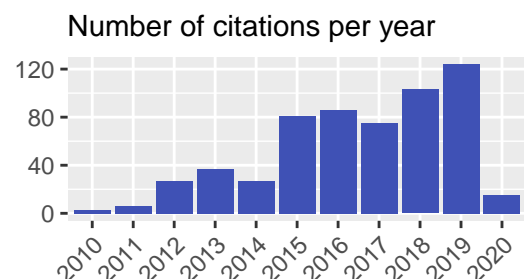
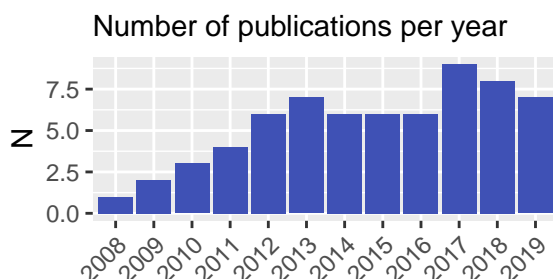
COURSES TAUGHT:

- Lithic analysis (MA in Archaeology)
- Introduction to lithic analysis (Undergrad. in Archaeology)
- Introduction to Data Analysis in Archaeology (Undergrad. in Archaeology)
- Prehistoric adaptations to climate change (Ph.D. in Archaeology)

2014-Present

Publications

Citation metrics – February 2020: **593** citations | *Google Scholar* H-index: **13** | *Web of Science* H-index: **9**



BOOKS AND EDITED VOLUMES

1. Cascalheira, J and A Picin, eds. (In press). *Short-Term Occupations in Paleolithic Archaeology*. Interdisciplinary Contributions to Archaeology. Springer Nature. 271 pp.
2. Cascalheira, J and A Picin, eds. (In press). *Short-Term Occupations in Paleolithic Archaeology: Definition and Interpretation*. Interdisciplinary Contributions to Archaeology. Springer International Publishing. <https://www.springer.com/gp/book/9783030274023> (visited on 12/06/2019).
3. Schmidt, I, J Cascalheira, N Bicho, and GC Weniger, eds. (2019). *Human Adaptations to the Last Glacial Maximum: The Solutrean and Its Neighbors*. Cambridge Scholars Publishing. Cambridge Scholars Publishing.
4. Cascalheira, J and N Bicho (2018). *The Impact of Drastic Environmental Changes in Prehistoric Hunter-Gatherer Adaptations*. Vol. 33. 3. Special Issue in Journal of Quaternary Science.
5. Cascalheira, J and C Gonçalves, eds. (2012). *Proceedings from Conference of Young Researchers in Archaeology (JIA 2011)*. 2 vols. Faro: Universidade do Algarve.
6. Cascalheira, J (2010). *Tecnologia Lítica Do Abrigo Solutrense de Vale Boi*. Cadernos Da Uniarq 5. Lisbon: UNIARQ.

ARTICLES IN PEER-REVIEWED JOURNALS

1. Cascalheira, J (2019). Territoriality and the Organization of Technology during the Last Glacial Maximum in Southwestern Europe. *PLOS ONE* **14**(12), e0225828.
2. Gonçalves, C, L André, J Cascalheira, and N Bicho (2019). Der Muschelhaufen von Cabeço Da Amoreira in Muge, Portugal. *Ergebnisse Der Archäologischen Arbeiten Des Letzten Jahrzehnts. Madrider Mitteilungen* **59**, 1–21.
3. Horta, P, J Cascalheira, and N Bicho (2019). The Role of Lithic Bipolar Technology in Western Iberia's Upper Paleolithic: The Case of Vale Boi (Southern Portugal). *Journal of Paleolithic Archaeology* **2**(2), 134–159.
4. Bicho, N and J Cascalheira (2018). Global Perspectives on the Impact of Drastic Environmental Changes in Hunter-Gatherer Technologies. *Journal of Quaternary Science* **33**(3), 255–260.
5. Bicho, N, J Cascalheira, L André, J Haws, A Gomes, C Gonçalves, M Raja, and M Benedetti (2018). Portable Art and Personal Ornaments from Txina-Txina: A New Later Stone Age Site in the Limpopo River Valley, Southern Mozambique. *Antiquity* **92**(363), E2.
6. Bicho, N, J Cascalheira, J Haws, and C Gonçalves (2018). Middle Stone Age Technologies in Mozambique: A Preliminary Study of the Niassa and Massingir Regions. *Journal of African Archaeology* **16**(1), 60–82.
7. Cascalheira, J and N Bicho (2018). Testing the Impact of Environmental Change on Hunter-Gatherer Settlement Organization during the Upper Paleolithic in Western Iberia. *Journal of Quaternary Science* **33**(3), 323–334.
8. Gonçalves, C, J Cascalheira, C Costa, S Bárbara, R Matias, and N Bicho (2018). Detecting Single Events in Large Shell Mounds: A GIS Approach to Cabeço Da Amoreira, Muge, Central Portugal. *Journal of Archaeological Science: Reports* **18**, 1000–1010.
9. Paixão, E, J Marreiros, T Pereira, J Gibaja, J Cascalheira, and N Bicho (2018). Technology, Use-Wear and Raw Material Sourcing Analysis of a c. 7500 Cal BP Lithic Assemblage from Cabeço Da Amoreira Shellmidden (Muge, Portugal). *Archaeological and Anthropological Sciences*, 1–21.
10. Bicho, N, J Cascalheira, and C Gonçalves (2017). Early Upper Paleolithic Colonization across Europe: Time and Mode of the Gravettian Diffusion. *PLoS One* **12**, e0178506.
11. Bicho, N, J Cascalheira, C Gonçalves, C Umbelino, DG Rivero, and L André (2017). Resilience, Replacement and Acculturation in the Mesolithic/Neolithic Transition: The Case of Muge, Central Portugal. *Quaternary International* **446**, 31–42.
12. Bicho, N, J Cascalheira, J Marreiros, and T Pereira (2017). Rapid Climatic Events and Long Term Cultural Change: The Case of the Portuguese Upper Paleolithic. *Quaternary International* **428**, 3–16.
13. Cascalheira, J, N Bicho, and C Gonçalves (2017). A Google-Based Freeware Solution for Archaeological Field Survey and Onsite Artifact Analysis. *Advances in Archaeological Practice* **5**, 328–339.
14. Cascalheira, J, N Bicho, T Manne, and P Horta (2017). Cross-Scale Adaptive Behaviors during the Upper Paleolithic in Iberia: The Example of Vale Boi (Southwestern Portugal). *Quaternary International* **446**, 17–30.
15. Bicho, N, J Haws, M Raja, O Madime, C Gonçalves, J Cascalheira, M Benedetti, T Pereira, and V Aldeias (2016). Middle and Late Stone Age of the Niassa Region, Northern Mozambique. Preliminary Results. *Quaternary International* **404**, 87–99.
16. Gonçalves, C, M Raja, O Madime, J Cascalheira, J Haws, D Matos, and N Bicho (2016). Mapping the Stone Age of Mozambique. *African Archaeological Review* **33**(1), 1–12.
17. Pereira, T, N Bicho, J Cascalheira, L Infantini, J Marreiros, E Paixão, and X Terradas (2016). Territory and Abiotic Resources between 33 and 15.6 Ka at Vale Boi (SW Portugal). *Quaternary International* **412, Part A**, 124–134.
18. Bicho, N, J Marreiros, J Cascalheira, T Pereira, and J Haws (2015). Bayesian Modeling and the Chronology of the Portuguese Gravettian. *Quaternary International* **359–360**, 499–509.

19. Cascalheira, J and N Bicho (2015). On the Chronological Structure of the Solutrean in Southern Iberia. *PLoS One* **10**, e0137308.
20. Marreiros, J, N Bicho, J Gibaja, T Pereira, and J Cascalheira (2015). Lithic Technology from the Gravettian of Vale Boi: New Insights into Early Upper Paleolithic Human Behavior in Southern Iberian Peninsula. *Quaternary International* **359–360**, 479–498.
21. Gonçalves, C, J Cascalheira, and N Bicho (2014). Shellmiddens as Landmarks: Visibility Studies on the Mesolithic of the Muge Valley (Central Portugal). *Journal of Anthropological Archaeology* **36**, 130–139.
22. Tátá, F, J Cascalheira, J Marreiros, T Pereira, and N Bicho (2014). Shell Bead Production in the Upper Paleolithic of Vale Boi (SW Portugal): An Experimental Perspective. *Journal of Archaeological Science* **42**, 29–41.
23. Bicho, N, J Cascalheira, J Marreiros, C Gonçalves, T Pereira, and R Dias (2013). Chronology of the Mesolithic Occupation of the Muge Valley, Central Portugal: The Case of Cabeço Da Amoreira. *Quaternary International* **308–309**, 130–139.
24. Bicho, N, T Manne, J Marreiros, J Cascalheira, T Pereira, F Tátá, M Évora, C Gonçalves, and L Infantini (2013). The Ecodynamics of the First Modern Humans in Southwestern Iberia: The Case of Vale Boi, Portugal. *Quaternary International* **318**, 102–116.
25. Cascalheira, J and N Bicho (2013). Hunter–Gatherer Ecodynamics and the Impact of the Heinrich Event 2 in Central and Southern Portugal. *Quaternary International* **318**, 117–127.
26. Pereira, T, J Cascalheira, J Marreiros, F Almeida, and N Bicho (2013). Variation in Quartzite Exploitation during the Upper Palaeolithic of Southwest Iberian Peninsula. *Trabajos de Prehistoria* **69**, 232–256.
27. Cascalheira, J, N Bicho, J Marreiros, T Pereira, M Évora, M Cortés Sánchez, JF Gibaja, T Manne, F Regala, C Gonçalves, and P Monteiro (2012). Vale Boi (Algarve, Portugal) and the Solutrean in Southwestern Iberia. *Espacio, Tiempo y Forma* **5**, 455–467.
28. Manne, T, J Cascalheira, M Évora, J Marreiros, and N Bicho (2012). Intensive Subsistence Practices at Vale Boi, an Upper Paleolithic Site in Southwestern Portugal. *Quaternary International* **264**, 83–99.

OTHER ARTICLES

1. Bicho, N and J Cascalheira (In press). “The Use of Lithic Assemblages for the Definition of Short-Term Occupations in Hunter-Gatherer Prehistory”. In: *Short-Term Occupations in Paleolithic Archaeology*. Ed. by A Picin and J Cascalheira. Interdisciplinary Contributions to Archaeology. Springer Nature. Springer.
2. Cascalheira, J, N Bicho, C Gonçalves, D Garcia-Rivero, and P Horta (In press). Of Space and Time: The Non-Midden Components of the Cabeço Da Amoreira Mesolithic Shellmound (Muge, Central Portugal). In: *Proceedings of the 9th International Conference on the Mesolithic of Europe*. Belgrade.
3. Picin, A and J Cascalheira (In press). “Introduction to Short-Term Occupations in Paleolithic Archaeology”. In: *Short-Term Occupations in Paleolithic Archaeology*. Ed. by A Picin and J Cascalheira. Short-Term Occupations in Paleolithic Archaeology. Springer.
4. Cascalheira, J and N Bicho (2020). “Dos Neandertais Ao Homo Sapiens”. In: *História Global de Portugal*. Circulo de leitores, pp.25–31.
5. André, L, J Cascalheira, C Gonçalves, and N Bicho (2019). “Shell Beads Production during the LGM: The Case of Vale Boi (Southern Portugal)”. In: *Human Adaptations to the Last Glacial Maximum: The Solutrean and Its Neighbors*. Cambridge: Cambridge Scholars Publishing, pp.491–508.
6. Haws, J, M Benedetti, J Cascalheira, N Bicho, M Carvalho, B Zinsious, G Ellis, and L Friedl (2019). “Human Occupation during the Late Pleniglacial at Lapa Do Picareiro (Portugal)”. In: *Human Adaptations to the Last Glacial Maximum: The Solutrean and Its Neighbors*. Cambridge: Cambridge Scholars Publishing, pp.188–213.
7. Schmidt, I, N Bicho, J Cascalheira, and GC Weniger (2019). “Introduction”. In: *Human Adaptations to the Last Glacial Maximum: The Solutrean and Its Neighbors*. Cambridge: Cambridge Scholars Publishing, pp.x–xiv.
8. Simón Vallejo, MD, N Bicho, M Cortés Sánchez, R Parrilla Giráldez, and J Cascalheira (2019). “New Solutrean Portable Art Data from the Site of Vale Boi (Algarve, Portugal)”. In: *Human Adaptations to the Last Glacial Maximum: The Solutrean and Its Neighbors*. Cambridge: Cambridge Scholars Publishing, pp.509–517.
9. Cascalheira, J, I Schmidt, and N Bicho (2018). 3.º Congresso Internacional sobre o Solutrense. *Al-Madan* **22**, 4.
10. Tátá, F, N Bicho, F Carvalho, J Cascalheira, C Gonçalves, R Luís, V Luís, R Mergulho, B Oliveira, P Pacheco, R Parreira, LM Paulo, MJ Pinto, J Regala, A Santos, and C Veiga-Pires (2018). On Charles Bonnet’s Path. Classic Caves of the Algarve Revisited – Part I. Poço Dos Mouros, Igrejainha Dos Soidos, Caverna Do Guiné, Abismo and Ibn Ammar Caves. *Trogle* **7**, 36–105.
11. Abrunhosa, A, J Cascalheira, A Pérez-González, JL Arsuaga, and E Baquedano (2017). “The Use of Digital Mobile Technologies for Geoarchaeological Survey: The Examples of the Pinilla Del Valle Raw Materials Project”. In: *Archaeopress*, pp.3–4. <https://cir.cenieh.es/handle/20.500.12136/1139> (visited on 12/29/2019).

12. Belmiro, J, J Cascalheira, and N Bicho (2017). O Início Do Último Máximo Glacial No Sul de Portugal: Novos Dados a Partir Do Sítio Arqueológico de Vale Boi. In: *Arqueologia Em Portugal 2017: Estado Da Questão*. II Congresso AAP. Lisbon, pp.375–384.
13. Horta, P, J Cascalheira, and N Bicho (2017). Sobre a definição e interpretação das tecnologias líticas bipolares em contextos pré-históricos. In: *Proceedings of the 2nd Conference of Associação dos Arqueólogos Portugueses*. Lisbon: Associação dos Arqueólogos Portugueses, pp.385–392.
14. Varela, J, N Bicho, C Gonçalves, and J Cascalheira (2017). Análise Preliminar Dos Padrões de Localização Das Grutas Com Arqueologia Do Centro e Sul de Portugal. In: *Proceedings of the 2nd Conference of Associação Dos Arqueólogos Portugueses*. Lisbon, pp.781–794.
15. Costa, C, C Gonçalves, J Cascalheira, J Marreiros, T Pereira, S Carvalho, AC Valera, and N Bicho (2016). ICAREHB – Centro Interdisciplinar Para a Arqueologia e Evolução Do Comportamento Humano. Um Novo Polo de Investigação Em Arqueologia. *Al-Madan* 20(2), 98–101.
16. Marreiros, J, N Bicho, J Gibaja, J Cascalheira, and T Pereira (2016). “Early Gravettian Projectile Technology in South-western Iberian Peninsula: The Double Backed and Bipointed Bladelets of Vale Boi (Portugal)”. In: *Multidisciplinary Approaches to the Study of Stone Age Weaponry*. Springer, pp.147–158.
17. Umbelino, C, C Gonçalves, O Figueiredo, T Pereira, J Cascalheira, J Marreiros, and N Bicho (2016). Human Burials in the Mesolithic of Muge and the Origins of Social Differentiation: The Case of Cabeço Da Amoreira Portugal. In: *Proceedings of the International Conference on Mesolithic Burials–Rites, Symbols and Social Organisation of Early Postglacial Communities*. Vol. 2, pp.683–692.
18. Bicho, N, R Dias, T Pereira, J Cascalheira, J Marreiros, V Pereira, and C Gonçalves (2015). O Mesolítico e o Neolítico Antigo: O Caso Dos Concheiros de Muge. In: *Proceedings of the 5º Congresso Do Neolítico Peninsular*. Lisbon: UNIARQ, pp.631–638.
19. Cascalheira, J, E Paixão, J Marreiros, T Pereira, and N Bicho (2015). “Preliminary Techno-Typological Analysis of the Lithic Materials from the Trench Area of Cabeço Da Amoreira (Muge, Central Portugal)”. In: *Muge 150th: The 150th Anniversary of the Discovery of Mesolithic Shellmiddens*. Vol. 1. 2 vols. Cambridge Scholars Publishing, pp.119–133.
20. Pereira, T, N Bicho, J Cascalheira, C Gonçalves, J Marreiros, and E Paixão (2015). Raw Material Procurement in Cabeço Da Amoreira. In: *Muge 150th: The 150th Anniversary of the Discovery of Mesolithic Shellmiddens: Volume 1*. Ed. by N Bicho, TD Price, and E Cunha. Vol. 1. Cambridge Scholars Publishing, pp.147–160.
21. Bicho, N, C Gonçalves, and J Cascalheira (2014). Os Concheiros de Muge e a Evolução Do Mesolítico Português. *Revista cultural do Concelho de Salvaterra de Magos* 1, 5–18.
22. Cascalheira, J, C Gonçalves, and N Bicho (2014). Smartphones and the Use of Customized Apps in Archaeological Projects. *The SAA Archaeological Record* 14, 20–25.
23. Figueiredo, O, J Cascalheira, J Marreiros, T Pereira, C Umbelino, and N Bicho (2014). “Funerary Contexts: The Case Study of the Mesolithic Shellmiddens of Muge (Portugal)”. In: *Wild Things: Recent Advances in Palaeolithic and Mesolithic Research*. Ed. by F Foulds, H Drinkall, A Perri, and D Clinnick. Oxford: Oxbow Books, pp.119–125.
24. Monteiro, P, J Cascalheira, J Marreiros, T Pereira, and N Bicho (2014). “Fire as a Componente of Mesolithic Funerary Rituals: Charcoal Analyses from a Burial in Cabeço Da Amoreira (Muge, Portugal)”. In: *Wild Things: Recent Advances in Palaeolithic and Mesolithic Research*. Ed. by F Foulds, H Drinkall, A Perri, and D Clinnick. Oxford: Oxbow Books.
25. Bicho, N, T Pereira, C Gonçalves, J Cascalheira, J Marreiros, and R Dias (2013). Os Últimos Caçadores-Recolectores Do Vale Do Tejo: Novas Perspectivas Sobre Os Concheiros de Muge. In: *Setúbal Arqueológica (Proceedings of the International Conference on the Prehistory of Wetlands)*. Vol. 14. Setúbal: MAEDS/ADS, pp.57–68.
26. Cascalheira, J (2013). “A Influência Mediterrânica Nas Redes Sociais Do Solutrense Final Peninsular”. Ph.D. thesis. Faro: Universidade do Algarve.
27. Cascalheira, J (2013). O Solutrense Em Portugal: Novidades Do Século XXI. In: *Arqueologia Em Portugal - 150 Anos (Atas Do I Congresso Da Associação Dos Arqueólogos Portugueses)*. Ed. by J Arnaud, A Martins, and C Neves. Lisbon: Associação dos Arqueólogos Portugueses, pp.269–276.
28. Dias, R, J Cascalheira, C Gonçalves, C Detry, and N Bicho (2013). Preliminary Analysis of the Spatial Relationships between Faunal and Lithic Remains on the Mesolithic Shellmidden of Cabeço Da Amoreira (Muge, Portugal). In: *Proceedings of the International Conference Environmental Change and Human Interaction in the Western Atlantic Façade*. Coimbra: APEQ, pp.159–164.
29. Bicho, N, J Cascalheira, and J Marreiros (2012). “On the (L)Edge: The Case of Vale Boi Rockshelter (Algarve, Southern Portugal)”. In: *Caves in Context - The Cultural Significance of Caves and Rockshelters in Europe*. Ed. by KA Bergsvik and R Skeates. Oxbow Books.
30. Cascalheira, J (2012). Review of 'Lombera Hermida and Ramón Fábregas Valcarce. *PaleoAnthropology*, 239–241.
31. Cascalheira, J and C Gonçalves (2012). Spatial Density Analysis and Site Formation Processes at the Mesolithic Shellmidden of Cabeço Da Amoreira (Muge, Portugal). In: *Proceedings of the IV Jornadas de Jovens Em Investigação Arqueológica*. Vol. 1. Universidade do Algarve, pp.75–82.
32. Marreiros, J, J Cascalheira, and N Bicho (2012). “Flake Technology from the Early Gravettian of Vale Boi (Portugal)”. In: *Flakes Not Blades: The Role of Flake Production at the Onset of the Upper Palaeolithic in Europe*. *Wissenschaftliche Schriften Des Neanderthal Museums*. Vol. 5, pp.11–23.

33. Bicho, N, J Cascalheira, J Marreiros, and T Pereira (2011). The 2008-2010 Excavations of Cabeço Da Amoreira, Muge, Portugal. *Mesolithic Miscelanny* **21**, 3–13.
34. Bicho, N and J Cascalheira (2011). A Arqueologia Como Ciência Tecnológica. *UAlgazine* **5**, 4–5.
35. Bicho, N, J Cascalheira, J Marreiros, and T Pereira (2011). “The Upper Paleolithic of Southern Portugal: 2006-2011”. In: *Bilan Quinquenal UISPP 2006-2011*.
36. Gibaja, J, J Marreiros, J Cascalheira, A Palomo, AF Carvalho, and M Rojo (2011). Análisis Traceológico Del Utilaje Lítico Documentado En El Asentamiento Neolítico de Zafrín (Islas Chafarinas). Configuración de Un Programa Experimental Dirigido al Reconocimiento Del Uso de Los Perforadores. In: *Proceedings of the II Congreso Internacional de Arqueologia Experimental*, pp.123–129.
37. Bicho, N, T Pereira, J Cascalheira, J Marreiros, V Pereira, L Jesus, and C Gonçalves (2010). “Cabeço Da Amoreira, Muge: Resultados Dos Trabalhos de 2008 e 2009”. In: *Promontoria Monográfica 15 (Os Últimos Caçadores-Recolectores e as Primeiras Comunidades Produtoras Do Sul Da Península Ibérica e Do Norte de Marrocos)*. Faro: Universidade do Algarve, pp.11–17.
38. Bicho, N, T Manner, J Cascalheira, C Mendonça, M Évora, T Pereira, and JFG Bao (2010). O Paleolítico Superior Do Sudoeste Da Península Ibérica: O Caso Do Algarve. In: *El Paleolítico Superior Peninsular: Novedades Del Siglo XXI:[Homenaje al Profesor Javier Fortea]*. Universitat de Barcelona, pp.219–238.
39. Bicho, N, T Manne, J Marreiros, J Cascalheira, C Mendonça, M Évora, J Gibaja, and T Pereira (2010). “O Paleolítico Superior Do Sudoeste Da Península Ibérica: O Caso Do Algarve”. In: *El Paleolítico Superior Peninsular. Novedades Del Siglo XXI*. Universitat de Barcelona, pp.215–234.
40. Cascalheira, J (2009). Tecnologia Lítica Solutrense Do Abrigo de Vale Boi (Algarve, Portugal): Resultados Preliminares. In: *Proceedings of the I Jornadas de Jovenes En Investigacion: Dialogando Con La Cultura Material*. Vol. 1. Madrid: Compañía Española de Reprografía y Servicios, S.A.
41. Marreiros, J, J Cascalheira, J Gibaja, and N Bicho (2009). Caracterización de La Industria Gravetiense y Solutrense de Vale Boi (Algarve, Portugal). In: *Proceedings of the IV Encontro de Arqueologia Do Sudoeste Peninsular*.
42. Cascalheira, J, J Marreiros, and N Bicho (2008). As Intervenções Arqueológicas de 2006 e 2007 No Sítio Paleolítico de Vale Boi. In: *Xelb. Actas Do 5º Encontro de Arqueologia Do Algarve*. Vol. 8, pp.26–36.

Grants, Awards and Fellowships

Total awarded ~500,000€

2020-	Neanderthals and Early Modern Humans in the Escoural Cave (southern Portugal). Funded by Wenner-Gren Foundation	18,000€
2018-	The origins and evolution of human cognition and the impact of Southwestern European coastal ecology. Funded by Fundação para a Ciência e Tecnologia	240,000€
2018-	Discovering ancient societies in central Portugal: the Muge shellmiddens. Funded by Earthwatch Institute	51,378€
2018-	Investigating the earliest Anatomically Modern Human occupation in Western Algarve. Funded by Institute for Field Research	21,000€
2017-	Ballistic performance of Upper Paleolithic stone-tipped projectiles: an assessment using computational fluid analysis. Funded by Archaeological Institute of America	4,467€
2014-19	Portuguese National Science Foundation Post-Doctoral Fellowship	107,280€
2010-13	Portuguese National Science Foundation Ph.D. Fellowship	47,040€
	COST Action TD0902 – Submerged Prehistoric Archaeology and Landscapes of the Continental Shelf. Short Term Scientific Mission: The Mediterranean influence in the social networks of the Final Solutrean of Iberia: the cave of Parpalló	1,200€
2010	Paleoanthropology Society – Travel grant to the Paleoanthropology Annual Meeting, May, 2010, St. Louis, US	400€
2009	University of Algarve – Merit grant	1,350€
2008-09	Portuguese National Science Foundation – Investigation grant within the project PTDC/HAH/64185/2006 – UcaRVaT – “The last hunter-gatherers in the Tejo valey – the Muge shellmiddens”	8,940€

Main Research Projects

AS PRINCIPAL INVESTIGATOR AND CO-INVESTIGATOR

- 2020- Neanderthals and Early Modern Humans in the Escoural Cave (southern Portugal). Funded by the Wenner-Gren Foundation
- 2018- The origins and evolution of human cognition and the impact of Southwestern European coastal ecology. Co-PI with Nuno Bicho. Funded by Fundação para a Ciência e Tecnologia - ALG-01-0145-FEDER-27833
- 2018- Discovering ancient societies in central Portugal: the Muge shellmiddens. Co-PI with Célia Gonçalves, Lino André and Nuno Bicho. Funded by the Earthwatch Institute
- 2018- Investigating the Earliest anatomically modern human occupation in western Algarve. Co-PI with Nuno Bicho. Funded by the Institute for Field Research
- 2017- Ballistic performance of Upper Paleolithic stone-tipped projectiles: an assessment using computational fluid analysis. Funded by the Archaeological Institute of America

AS COLLABORATOR

- 2018- The Muge Shellmiddens Project: A new portal to the last hunter-gatherers the Tagus valley, Portugal. PI: Célia Gonçalves. Funded by the Fundação para a Ciência e Tecnologia - ALG-01-0145-FEDER-29680
- 2018- Climate change during the Quaternary in Inhambane, Southwestern Mozambique, and its role in human evolution. PI: Ana Gomes. Funded by the Fundação para a Ciência e Tecnologia - PTDC/HAR-ARQ/28148/2017
- 2017-18 Middle and Late Stone Archaeology in Machampane Valley, Limpopo River basin, southern Mozambique. PI: Nuno Bicho. Funded by the National Geographic Society
- 2016- Stone Age Vilankulos: Modern Human Origins Research south of the Rio Save, Mozambique. PI: Jonathan Haws. Funded by Fundação para a Ciência e Tecnologia
- 2015-16 Middle Stone Age Archaeology survey in the Limpopo and Elephant rivers valleys, southern Mozambique. PI: Nuno Bicho. Funded by the National Geographic Society/Waitt - W-373-15
- 2013-15 Middle Stone Age archaeology and the origins of modern humans in Southern Mozambique. PI: Nuno Bicho. Funded by the Fundação para a Ciência e Tecnologia - PTDC/EPH-ARQ/4998/2012
- 2013-2015 GIS predictive modeling for the discovery of new Mesolithic sites in Central Portugal. PI: Célia Gonçalves. Funded by the Calouste Gulbenkian Foundation
- 2012-14 The last Neanderthals and the emergence of Modern Humans in Southwestern Iberia. PI: Nuno Bicho. Funded by the Fundação para a Ciência e Tecnologia
- 2011-12 On the edge: The first Modern Humans in Southwestern Iberia and the extinction of Neanderthals. PI: Nuno Bicho. Funding: Wenner-Gren Foundation
- 2012-14 The last hunter-gatherers of Muge (Portugal): the origins of social complexity. PI: Nuno Bicho. Funded by the Fundação para a Ciência e Tecnologia - PTDC/HIS-ARQ/112156/2009

Conference participation

ORAL COMMUNICATIONS

1. Bicho, N, J Cascalheira, and J Haws (2019). "Neandertais e Homens Anatomicamente Modernos No Centro e Sul de Portugal". 2º Colóquio Internacional - História Das Ideias e Dos Conceitos Em Arqueologia (Oeiras).
2. Cascalheira, J, C Gonçalves, and N Bicho (2019). "Assessing the Spatial Patterning of Middle Paleolithic Human Settlement in Westernmost Iberia". SAA 2019 (Albuquerque, US).
3. Gomes, A, D Moura, N Bicho, S Connor, M Raja, J Haws, M Achimo, B Zinsious, E Skosey-Lalonde, C Gonçalves, S Oliveira, R Matias, P Fernandes, S Costas, and J Cascalheira (2019). "Southern Hemisphere Climate Changes Studies: A Contribution for Climate Risk Management and Resilience". 4th European Climate Change Adaptation Conference (Lisbon, PT).
4. Haws, J, M Benedetti, J Cascalheira, N Bicho, M Carvalho, G Ellis, B Zinsious, and L Friedl (2019). "Human Adaptive Responses to Abrupt Climate Change in Western Iberia during MIS 3 and 2". INQUA 2019 (Dublin, IR).
5. Haws, J, M Benedetti, T Pereira, N Bicho, J Cascalheira, and L Friedl (2019). "Human Adaptive Responses to Climate and Environmental Change during the Gravettian of Lapa Do Picareiro (Portugal)". World of Gravettian Hunters 2019 (Krakow, PL).
6. Haws, J, M Benedetti, L Friedl, N Bicho, M Carvalho, J Cascalheira, G Ellis, B Zinsious, I Benedetti, and S Talamo (2019). "Modern Human Dispersal into Western Iberia: The Early Aurignacian of Lapa Do Picareiro, Portugal". ESHE 2019 (Liège, BE).
7. Horta, P, J Cascalheira, and N Bicho (2019). "Neanderthal Ecological Niche in Iberia's Southwestern Edge: New Data from the Gruta Da Companhia Site". SAA 2019 (Albuquerque, US).
8. Gomes, A, M Raja, N Bicho, J Haws, D Moura, M Achimo, B Zinsious, E Skosey-Lalonde, C Gonçalves, R Matias, J Cascalheira, S Connor, and S Oliveira (2018). "Paleoenvironmental Changes in Mozambique". African Science and Art Conference (Faro, PT).

9. Haws, J, M Benedetti, M Carvalho, I Benedetti, B Zinsious, N Bicho, J Cascalheira, and L Friedl (2018). "Seeing Short-Term Human Occupations in the Palimpsests of Deeply Stratified Caves: An Example from Lapa Do Picareiro (Portugal)". UISPP 2018 (Paris, FR).
10. Haws, J, M Benedetti, M Carvalho, N Bicho, J Cascalheira, and L Friedl (2018). "Understanding Human Adaptive Responses to Abrupt Climate Change in Western Iberia during MIS 3 and 2 Using Multi-Scale Archaeological, Paleoenvironmental, and Paleoclimate Records." UISPP 2018 (Paris, FR).
11. Abrunhosa, A, J Cascalheira, A Pérez-González, JL Arsuaga, and E Baquedano (2017). "The Use of Digital Mobile Technologies for Geoarchaeological Survey: The Examples of the Pinilla Del Valle Raw Materials Project". 12th International Conference of Archaeological Prospection (Bradford, UK).
12. Bicho, N and J Cascalheira (2017). "A Critical Review of the Meaning of Short-Term Occupation in Early Prehistory". SAA 2017 (Vancouver, CA).
13. Cascalheira, J and N Bicho (2017). "Territoriality and the Organization of Technology during the LGM in Southern Iberia". 3rd International Conference on the Solutrean (Faro, PT).
14. Gomes, A, E Skosey-Lalonde, B Zinsious, C Gonçalves, N Bicho, M Raja, J Cascalheira, and J Haws (2017). "Environmental Changes on the Mozambican Coast, during the Holocene". IX Iberian Quaternary Meeting/African Science and Art Conference (Faro, PT).
15. Gomes, A, E Skosey-Lalonde, B Zinsious, C Gonçalves, N Bicho, M Raja, J Cascalheira, and J Haws (2017). "Palaeoenvironmental Reconstructions on the Mozambique Coast as a Tool to Understand Human Evolution: From Modern Analogues to Borehole Interpretation". European Geosciences Union General Assembly (Vienna, AU).
16. Horta, P, J Cascalheira, and N Bicho (2017). "Sobre a Definição e Interpretação Das Tecnologias Líticas Bipolares Em Contextos Pré-Históricos". II Congresso Dos Arqueólogos Portugueses (Lisbon, PT).
17. Bicho, N, J Cascalheira, J Haws, C Gonçalves, and M Raja (2016). "Middle Stone Age Technologies in Mozambique: Preliminary Results". ESHE 2016 (Madrid, ES).
18. Cascalheira, J and N Bicho (2016). "Changing Weapons in a Mutable Landscape: Exploring the Relationship between Upper Paleolithic Weaponry Variability and Drastic Environmental Changes in Western Europe". SAA 2017 (Orlando, US).
19. Gomes, A, J Haws, N Bicho, C Gonçalves, J Cascalheira, B Zinsious, E Skosey-Lalonde, I Benedetti, M Benedetti, M Carvalho, and M Raja (2016). "The Stone Age in Vilankulos: Investigation of the Origin of Modern Human South of Save River, Mozambique". III Show of Science and Technology Projects (Tavira, PT).
20. Haws, J, N Bicho, C Gonçalves, J Cascalheira, T Pereira, J Marreiros, B Zinsious, M Raja, O Madime, and M Benedetti (2016). "New Data on Stone Age Archaeology South of the Rio Save, Mozambique". 23 Biennial Meeting of the Society of Africanist Archaeologists. What Past for Africa? (Toulouse, FR).
21. Taylor, R, D García-Rivero, J Cascalheira, and N Bicho (2016). "Technological Diversity of the Early Neolithic Pottery of Muge (Portugal): The Case Study of Cabeço Da Amoreira (Excavations from 2008 to 2014)". Raw Materials Exploitation in Prehistory: Sourcing, Processing and Distribution (Faro, PT).
22. Aldeias, V, J Cascalheira, J Marreiros, T Pereira, and N Bicho (2015). "How to Make a Mesolithic Shell Mound? Microstratigraphic Investigation of Cabeço Da Amoreira (Muge, Portugal)". MESO 2015 (Belgrade, RS).
23. Bicho, N, H Madiquida, J Haws, M Benedetti, J Riel-Salvatore, O Madime, M Raja, J Cascalheira, C Gonçalves, and T Pereira (2015). "A Idade Da Pedra Média e as Origens Do Homem Anatomicamente Moderno Em Moçambique". Seminário Internacional de Arqueologia Africana: Arqueologia e Paisagem (Mação, PT).
24. Cascalheira, J, N Bicho, J Marreiros, and T Pereira (2015). "Climate-Driven Cultural Change during the Upper Paleolithic: A Reassessment Based on the Portuguese Data." ESHE 2015 (London, UK).
25. Cascalheira, J, N Bicho, C Gonçalves, J Marreiros, and E Paixão (2015). "Internal Layout and Functional Organization of Mesolithic Shellmiddens: New Insights from Cabeço Da Amoreira (Muge, Portugal)". MESO 2015 (Belgrade, RS).
26. Cascalheira, J and N Bicho (2015). "Lithic Technological Organization and Social Networks during the LGM in Southwestern Iberia". SAA 2015 (San Francisco, US).
27. Cascalheira, J, C Gonçalves, C Umbelino, and N Bicho (2015). "Rites, Symbols and Spatial Organization of Two Human Burials at the Cabeço Da Amoreira Shellmidden (Muge, Portugal)". MESO 2015 (Belgrade, RS).
28. Cascalheira, J, C Gonçalves, V Aldeias, M Benedetti, J Haws, O Madime, D Matos, M Raja, T Pereira, B Zinsious, and N Bicho (2015). "Stone Age Occupations in Northern Mozambique: New Evidence from a Survey Project in the Lunho River Valley (Niassa)". Paleoanthropological Society Annual Meeting (San Francisco, US).
29. Cunha, C, C Umbelino, C Gonçalves, O Figueiredo, J Cascalheira, J Marreiros, T Pereira, E Paixão, P Monteiro, M Évora, R Dias, and N Bicho (2015). "Cultural Change or Dental Pathology? Dental Analysis of Two Human Burials from Cabeço Da Amoreira Shell Mound (Muge, Portugal)". MESO 2015 (Belgrade, RS).
30. Monteiro, P, J Cascalheira, J Marreiros, T Pereira, C Umbelino, R Dias, C Gonçalves, O Figueiredo, M Évora, E Paixão, N Bicho, and L Zapata (2015). "A Thousand Years in Flames: A Diachronical Perspective on Fuelwood Use in Cabeço Da Amoreira (Muge Shellmiddens, Portugal)". MESO 2015 (Belgrade, RS).
31. Pereira, T, N Bicho, J Cascalheira, L Infantini, J Marreiros, and E Paixão (2015). "Territory and Abiotic Economy between 33 and 15,6 Ka at Vale Boi (SW Portugal)". UISPP 2015 (Burgos, ES).

32. Bicho, N, J Cascalheira, J Marreiros, and T Pereira (2014). "Rapid Cooling Events, Human Resilience and Technological Change: The Case of the Portuguese Upper Paleolithic". SAA 2014 (Austin, US).
33. Cascalheira, J, E Paixão, and N Bicho (2014). "On the Border: The Lithic Assemblages from the Trench Area of Cabeço Da Amoreira Shellmidden (Central Portugal)". SAA 2014 (Austin, US).
34. Gonçalves, C, J Cascalheira, R Dias, P Monteiro, E Paixão, and N Bicho (2014). "Piece by Piece: GIS Spatial Analysis at Cabeço Da Amoreira, a Mesolithic Shellmidden in Central Portugal". SAA 2014 (Austin, US).
35. Paixão, E, J Cascalheira, J Marreiros, T Pereira, and N Bicho (2014). "Technological Approaches to Stone Tool Production: The Case of Layer 2 of Mesolithic Shellmidden of Cabeço Da Amoreira, Muge (Portugal)". SAA 2014 (Austin, US).
36. Pereira, T, N Bicho, J Cascalheira, J Marreiros, and C Gonçalves (2014). "Testing the Impact of Coastal Environments in Social Inequality through Lithic Raw Materials". SAA 2014 (Austin, US).
37. Umbelino, C, C Gonçalves, O Figueiredo, J Cascalheira, J Marreiros, M Évora, R Dias, E Cunha, and N Bicho (2014). "Health and Diet in the Late Mesolithic: A Paleobiological Perspective through the Analysis of the Human Skeletons Retrieved from the Cabeço Da Amoreira Recent Excavations". SAA 2014 (Austin, US).
38. Bicho, N, C Umbelino, C Gonçalves, O Figueiredo, T Pereira, J Cascalheira, J Marreiros, and TD Price (2013). "Human Burials in the Mesolithic of Muge and the Origins of Social Differentiation: The Case of Cabeço Da Amoreira, Portugal". Congress Mesolithic Burials – Rites, Symbols and Social Organisation of Early Postglacial Communities (Halle, DE).
39. Bicho, N, T Pereira, J Cascalheira, J Marreiros, C Gonçalves, R Dias, P Monteiro, and O Figueiredo (2013). "The Mesolithic Chronology of Cabeço Da Amoreira (Muge, Central Portugal)". Muge 150th (Muge, PT).
40. Cascalheira, J, N Bicho, J Marreiros, T Pereira, and T Manne (2013). "Resilient Adaptive Patterns in the Upper Paleolithic Site of Vale Boi Southwestern Iberia)". EAA 2013 (Pilzen, CZ).
41. Umbelino, C, C Gonçalves, O Figueiredo, T Pereira, J Cascalheira, J Marreiros, M Évora, E Cunha, and N Bicho (2013). "Life in the Muge Shellmiddens: Inferences from the New Skeletons Recovered from Cabeço Da Amoreira". Muge 150th (Muge, PT).
42. Bicho, N, T Manne, J Marreiros, J Cascalheira, and T Pereira (2012). "The Ecodynamics of the First Modern Humans in Southwestern Iberia: The Case of Vale Boi, Portugal". SAA 2012 (Memphis, US).
43. Bicho, N, J Haws, L Raposo, JP Brugal, J Cascalheira, J Marreiros, and T Pereira (2012). "The End of the Middle Paleolithic and the Emergence of the Anatomically Modern Humans in Southwestern Iberia". Paleoanthropological Society Annual Meeting (Memphis, US).
44. Cascalheira, J (2012). "The Chronology of the Iberic Solutrean: A Critical Review of the Radiometric Data". Congreso Internacional El Solutrense (Vélez Blanco, ES).
45. Cascalheira, J (2012). "Hunter-Gatherer Ecodynamics and the Impact of the H2 Cold Event in Central and Southern Portugal". SAA 2012 (Memphis, US).
46. Cascalheira, J, N Bicho, M Cortés Sánchez, M Évora, J Gibaja, T Manne, J Marreiros, T Pereira, and F Tátá (2012). "Vale Boi and the Solutrean in Southwestern Iberia". Congreso Internacional El Solutrense (Vélez Blanco, ES).
47. Monteiro, P, J Cascalheira, J Marreiros, T Pereira, and N Bicho (2012). "Fire as a Component of Mesolithic Funerary Rituals: The Case of a Burial in Cabeço Da Amoreira (Muge, Portugal)". Where the Wild Things Are Conference: New Research in Palaeolithic and Mesolithic. (Durham, UK).
48. Monteiro, P, J Cascalheira, J Marreiros, T Pereira, and N Bicho (2012). "A Mesolithic Landscape and Woodland Resources: Wood Charcoal Analyses from Cabeço Da Amoreira, Muge Shellmiddens (Santarém, Portugal)". Association of Environmental Archaeology, Spring Conference: New Trends on Environmental Archaeology (Plymouth, UK).
49. Bicho, N, T Pereira, C Gonçalves, J Cascalheira, J Marreiros, and R Dias (2011). "Os Últimos Caçadores-Recolectores Do Vale Do Tejo: O Caso de Muge". International Conference on the Prehistory of Wetlands (Setúbal, PT).
50. Cascalheira, J and C Gonçalves (2011). "Análise Espacial e Processos de Formação Do Registo Arqueológico No Concheiro Mesolítico Do Cabeço Da Amoreira (Muge, Portugal)". IV Jornadas de Jovens Em Investigação Arqueológica (Faro, PT).
51. Cascalheira, J (2011). "A Influência Mediterrânica Nas Redes Sociais Do Solutrense Final Peninsular". Arqueologia Em Construção, UNIARQ (Lisbon, PT).
52. Cascalheira, J and J Marreiros (2011). "Sobre a Desconstrução de Um Concheiro: Metodologia de Escavação e Registo No Cabeço Da Amoreira". Encontro Sobre Os Concheiros de Muge: Analisando o Passado (Lisbon, PT).
53. Cascalheira, J (2011). "Variabilidade Morfométrica Das Pontas de Pedúnculo Central e Aletas Do Solutrense Final Peninsular: Implicações Estilísticas e Territoriais". IV Jornadas de Jovens Em Investigação Arqueológica (Faro, PT).
54. Dias, R, J Cascalheira, C Gonçalves, C Detry, and N Bicho (2011). "Linking the Bones to the Stones: Preliminary Spatial Analysis in the Cabeço Da Amoreira Shellmidden". UKAS 2011 (Reading, UK).
55. Marreiros, J, N Bicho, M Cortés Sánchez, J Gibaja, T Manne, M Évora, F Tátá, J Cascalheira, and T Pereira (2011). "New Evidences from the Early Upper Paleolithic of Southwestern Iberian Peninsula: The Gravettian of Vale Boi (Southern Portugal)". Reunión Gravetiense Cantábrico (Santander, ES).
56. Bicho, N, T Pereira, C Umbelino, L Jesus, J Marreiros, and J Cascalheira (2010). "The Construction of a Shellmidden: The Case of Cabeço Da Amoreira, Muge (Portugal)". MESO 2010 (Santander, ES).

57. Bicho, N, T Manne, J Marreiros, J Cascalheira, C Mendonça, J Gibaja, M Évora, and T Pereira (2010). “O Paleolítico Superior Do Sudoeste Da Península Ibérica: O Caso Do Algarve”. Jornadas Internacionais Sobre El Paleolítico Superior Peninsular (Barcelona, ES).
58. Cascalheira, J (2010). “Territoriality and Social Networks on the Upper Solutrean of Southern Iberia: A Review of Facts and Perspectives for the Future”. III Jornadas de Jóvenes En Investigación Arqueológica (Barcelona, ES).
59. Marreiros, J, L Jesus, J Cascalheira, T Pereira, J Gibaja, and N Bicho (2010). ““Shell We Move?” New Technological Approach to Mesolithic Settlement Patterns at Muge (Portuguese Estremadura)”. MESO 2010 (Santander, ES).
60. Marreiros, J and J Cascalheira (2010). “Veni, Vidi, Vici! Lo Mejor de Ambos Mundos. Modelo Teórico Sobre La Ocupación Del Hombre Moderno En El Extremo Suroeste de La Península Ibérica”. III Jornadas de Jóvenes En Investigación Arqueológica (Barcelona, ES).
61. Bicho, N, T Pereira, J Cascalheira, J Marreiros, and V Pereira (2009). “Cabeço Da Amoreira, Muge: Resultados Dos Trabalhos de 2008 e 2009” (Faro, PT).
62. Bicho, N, T Manne, J Marreiros, F Tátá, J Gibaja, M Évora, and J Cascalheira (2009). “The First Modern Humans in Southwestern Portugal: The Gravettian from Vale Boi”. CALPE Conference 2009 – Human Evolution, 150 Years after Darwin (Gibraltar, UK).
63. Bicho, N, J Cascalheira, M Cortés Sánchez, J Gibaja, M Évora, T Manne, J Marreiros, C Mendonça, T Pereira, and F Tátá (2009). “Identidade e Adaptação: A Ocupação Humana Durante o Plistocénico Final No Algarve Ocidental”. VII Reunião Do Quaternário Ibérico (Faro, PT).
64. Cascalheira, J (2009). “Estilo, Identidade e Adaptação: O Abrigo de Vale Boi No Quadro Do Solutrense Peninsular”. Associação Dos Arqueólogos Portugueses (Lisbon, PT).
65. Bicho, N, J Cascalheira, and J Marreiros (2008). “As Intervenções Arqueológicas de 2006 e 2007 No Sítio Paleolítico de Vale Boi”. 5º Encontro de Arqueologia Do Algarve (Silves, PT).
66. Bicho, N, J Cascalheira, J Gibaja, and J Marreiros (2008). “Caracterización de La Industria Gravetiense y Solutrense de Vale Boi (Algarve, Portugal)”. IV Encontro de Arqueologia Do Sudoeste Peninsular (Aracena, ES).
67. Bicho, N, J Cascalheira, and J Marreiros (2008). “On the (l)Edge: The Case of Vale Boi Rockshelter (Algarve, Southern Portugal)”. EAA 2008 (Malta, MT).
68. Cascalheira, J (2008). “Tecnologia Lítica Solutrense Del Abrigo de Vale Boi (Algarve, Portugal): Resultados Preliminares”. I Jornadas de Jóvenes En Investigación Arqueológica (Madrid, ES).
69. Gibaja, J, J Marreiros, J Cascalheira, A Palomo, AF Carvalho, and M Rojo (2008). “Análisis Traceológico Del Utilaje Lítico Documentado En El Asentamiento Neolítico de Zafrín (Islas Chafarinas). Configuración de Un Programa Experimental Dirigido al Reconocimiento Del Uso de Los Perforadores”. II Congreso Internacional de Arqueología Experimental (Ronda, ES).

POSTERS

1. Belmiro, J, J Cascalheira, and C Gonçalves (2019). “A Geometric Morphometrics Approach to Test the Microlith Variability at Cabeço Da Amoreira Shellmidden (Muge, Portugal)”. SAA 2019 (Albuquerque, US).
2. Belmiro, J, J Cascalheira, N Bicho, and J Haws (2019). “The Gravettian-Solutrean Transition in Western Iberia: New Data from the Sites of Vale Boi and Lapa Do Picareiro (Portugal)”. Paleoanthropological Meetings 2019 (Albuquerque, US).
3. Gonçalves, C, C Umbelino, and J Cascalheira (2019). “Muge Portal: A New Digital Platform for the Last Hunter-Gatherers of the Tagus Valley, Portugal”. SAA 2019 (Albuquerque, US).
4. Haws, J, M Benedetti, L Friedl, N Bicho, J Cascalheira, M Carvalho, G Ellis, B Zinsious, and S Talamo (2019). “Earlier than Thought: The Early Aurignacian Technocomplex at Lapa Do Picareiro (Portugal) and the Arrival of Modern Humans in Southwestern Iberia 40,000 Years Ago”. Paleoanthropological Meetings 2019 (Albuquerque, US).
5. Horta, P, J Cascalheira, M Raja, and N Bicho (2019). “Lithic Bipolar Reduction Strategies in the Late Stone Age Site of Txina Txina, Mozambique”. ESHE 2019 (Liège, BE).
6. Raja, M, N Bicho, J Haws, J Cascalheira, E Skosey-Lalonde, B Zinsious, I Benedetti, M Benedetti, C Gonçalves, M Achimo, M Carvalho, and A Gomes (2019). “Deciphering Sediments in Archaeological Context: Inferences on the Palaeoenvironmental Changes and the Site Formation Processes in the Middle and Late Stone Age, Txina-Txina, Massingir (Mozambique)”. Paleoanthropological Meetings 2019 (Albuquerque, US).
7. Belmiro, J, J Cascalheira, and N Bicho (2018). “At the Threshold of the Last Glacial Maximum in Southwestern Iberia: New Evidence from the Site of Vale Boi (Portugal)”. ESHE 2018 (Faro, PT).
8. Benedetti, I, J Haws, N Bicho, M Raja, J Cascalheira, B Zinsious, and M Benedetti (2018). “Late Holocene Shell Midden and Human Remains from Praia Da Rocha, Moçambique”. UISPP 2018 (Paris, FR).
9. Cascalheira, J, JL Cardoso, and F Martins (2018). “A Geometric Morphometric Approach to Predict the Chronological Attribution of Bifacial Foliate Technology at Olival Do Arneiro (Central Portugal)”. ESHE 2018 (Faro, PT).
10. Haws, J, M Benedetti, M Carvalho, N Bicho, J Cascalheira, and L Friedl (2018). “Human Adaptive Responses to Abrupt Climate Change during the Late Pleistocene”. Paleoanthropological Society Annual Meeting (Austin, US).

11. Haws, J, N Bicho, J Cascalheira, C Gonçalves, M Raja, M Benedetti, A Gomes, M Carvalho, I Benedetti, B Zinsious, and E Skosey-Lalonde (2018). "Later Stone Age Archaeology in the Limpopo River Basin: New Evidence from the Site of Txina Txina (Massingir, Southern Mozambique)". UISPP 2018 (Paris, FR).
12. Haws, J, M Benedetti, L Friedl, N Bicho, J Cascalheira, and M Carvalho (2018). "The Middle-Upper Paleolithic Transition in Southern Iberia: New Data from Lapa Do Picareiro, Portugal". ESHE 2018 (Faro, PT).
13. Horta, P, J Cascalheira, and N Bicho (2018). "Lithic Bipolar Technology through Space and Time". ESHE 2018 (Faro, PT).
14. Belmiro, J, J Cascalheira, and N Bicho (2017). "The Beginning of the Last Glacial Maximum in Southern Portugal: New Data from the Archaeological Site of Vale Boi". 3rd International Conference on the Solutrean (Faro, PT).
15. Belmiro, J, J Cascalheira, and N Bicho (2017). "O Início Do Último Máximo Glacial No Sul de Portugal: Novos Dados a Partir Do Sítio Arqueológico de Vale Boi". II Congresso Dos Arqueólogos Portugueses (Lisbon, PT).
16. Bicho, N, J Cascalheira, J Haws, C Gonçalves, M Raja, L André, M Benedetti, M Carvalho, and B Zinsious (2017). "Txina, Txina, a New LSA Site from the Limpopo River Valley, Mozambique". ESHE 2017 (Leiden, NL).
17. Bicho, N, J Cascalheira, J Haws, C Gonçalves, M Raja, L André, M Benedetti, A Gomes, M Carvalho, and B Zinsious (2017). "Txina Txina: A Later Stone Age Site from the Limpopo Basin in Southern Mozambique". Paleoanthropological Society Annual Meeting (Vancouver, CA).
18. Cascalheira, J, C Gonçalves, and N Bicho (2017). "An Android-Based System for Archaeological Survey and on-Site Stone Tool Analysis". SAA 2017 (Vancouver, CA).
19. Cascalheira, J, C Gonçalves, N Bicho, A Gomes, M Raja, and J Haws (2017). "Systematic Sampling Survey for Stone Age Sites in the Limpopo Basin, SW Mozambique". ESHE 2017 (Leiden, NL).
20. Cascalheira, J, N Bicho, J Haws, C Gonçalves, and M Raja (2017). "Technological Variability in the Middle Stone Age of Mozambique: Preliminary Results". Paleoanthropological Society Annual Meeting (Vancouver, CA).
21. Gomes, A, E Skosey-Lalonde, B Zinsious, C Gonçalves, N Bicho, M Raja, J Cascalheira, and J Haws (2017). "Diatoms from Mozambique: A Tool for Palaeoenvironmental Reconstructions and to Understand Human Evolution". 5th Open Science Meeting "Global Challenges for Our Common Future: A Paleoscience Perspective" (Zaragoza, ES).
22. Gonçalves, C, A Gomes, J Cascalheira, M Raja, N Bicho, and J Haws (2017). "Applying Systematic Sampling Survey to Evaluate Stone Age Settlement in the Elephant River". Paleoanthropological Society Annual Meeting (Vancouver, CA).
23. Gonçalves, C, J Cascalheira, J Haws, M Raja, and N Bicho (2017). "GIS and Archaeological Survey Data for the Reconstruction of Stone Age Settlement Patterns in the Elephant River Valley, Mozambique". SAA 2017 (Vancouver, CA).
24. Gonçalves, C, J Cascalheira, J Haws, M Raja, and N Bicho (2017). "Reconstructing Stone Age Settlement Patterns in the Elephant River Valley, Mozambique". ESHE 2017 (Leiden, NL).
25. Horta, P, J Cascalheira, N Bicho, and F Tátá (2017). "The Neanderthal Occupations in Southwestern Iberia: Preliminary Data from the Gruta Da Companhia Site". ESHE 2017 (Leiden, NL).
26. Simón Vallejo, MD, N Bicho, M Cortés Sánchez, R Parrila-Giraldez, and J Cascalheira (2017). "Nuevos Datos de Arte Mueble Del Yacimiento de Vale Boi (Algarve, Portugal)". 3rd International Conference on the Solutrean (Faro, PT).
27. Varela, J, N Bicho, C Gonçalves, and J Cascalheira (2017). "Análise Preliminar Dos Padrões de Localização Das Grutas Com Arqueologia Do Centro e Sul de Portugal." II Congresso Dos Arqueólogos Portugueses (Lisbon, PT).
28. Gonçalves, C, J Cascalheira, J Haws, B Zinsious, M Raja, and N Bicho (2016). "Stone Age Settlement Patterns in the Lunho Valley (Niassa, Mozambique): GIS Preliminary Results". ESHE 2016 (Madrid, ES).
29. Haws, J, N Bicho, C Gonçalves, J Cascalheira, M Benedetti, T Pereira, J Marreiros, B Zinsious, M Carvalho, and M Raja (2016). "Stone Age Archaeology and Quaternary Landscapes in Southern Mozambique". The Geological Society of America Annual Meeting (Denver, US).
30. Paixão, E, J Marreiros, J Gibaja, T Pereira, J Cascalheira, and N Bicho (2016). "Testing Raw Material Suitability for Ground Stones: Experimental Program in Quartzite and Greywacke". Raw Materials Exploitation in Prehistory: Sourcing, Processing and Distribution (Faro, PT).
31. Bicho, N, V Aldeias, M Benedetti, J Cascalheira, C Gonçalves, J Haws, O Madime, T Pereira, M Raja, and B Zinsious (2015). "Chicaza Rockshelter (Niassa, Mozambique): A Preliminary Report on Stratigraphy and Chronology". Paleoanthropological Society Annual Meeting (San Francisco, US).
32. Bicho, N, J Haws, J Cascalheira, C Gonçalves, M Raja, O Madime, V Aldeias, M Benedetti, T Pereira, J Marreiros, and J Riel-Salvatore (2015). "New Survey Results from Middle and Late Stone Age in Mozambique". AAA 2015 (Denver, US).
33. Cascalheira, J and N Bicho (2015). "Abrupt Climate Change and the Variability of Technological Patterns during the Late Pleistocene in Western Iberia". AAA 2015 (Denver, US).
34. Cascalheira, J, C Gonçalves, V Aldeias, M Benedetti, J Haws, O Madime, M Raja, T Pereira, and N Bicho (2015). "Surface Lithic Scatters in the Lunho River Valley (Niassa, Mozambique): The Case of Ncuála". Seminário Internacional de Arqueologia Africana: Arqueologia e Paisagem (Mação, PT).
35. Gonçalves, C, V Aldeias, M Benedetti, J Cascalheira, J Haws, O Madime, M Raja, T Pereira, and N Bicho (2015). "Chicaza: A New Rockshelter in the Chitete River Valley (Niassa, Mozambique)". Seminário Internacional de Arqueologia Africana: Arqueologia e Paisagem (Mação, PT).

36. Gonçalves, C, V Aldeias, M Benedetti, J Haws, O Madime, M Raja, T Pereira, B Zinsious, and N Bicho (2015). "GIS and Archaeological Survey Data for the Reconstruction of Stone Age Settlement Patterns in the Lunho Valley (Niassa, Mozambique): Preliminary Results". AAA 2015 (Denver, US).
37. Gonçalves, C, J Cascalheira, and N Bicho (2015). "GIS-Based Visibility Studies in the Muge Valley Shellmiddens: Implications for Spatial and Social Organization". MESO 2015 (Belgrade, RS).
38. Gonçalves, C, J Cascalheira, M Raja, O Madime, and N Bicho (2015). "Mapping the Stone Age in Mozambique: Preliminary Results". SAA 2015 (San Francisco, US).
39. Horta, P, J Cascalheira, and N Bicho (2015). "Expedient Tools for Intensive Practices: The Bipolar Lithic Implements from the Upper Paleolithic Site of Vale Boi (Southwestern Iberia)". ESHE 2015 (London, UK).
40. Horta, P, J Cascalheira, J Marreiros, and N Bicho (2015). "Preliminary Technological Comparison between Chert and Quartz Splintered Pieces from the Upper Paleolithic of Vale Boi (Southwestern Iberia)". On the Rocks 10th International Symposium on Knappable Materials (Barcelona, ES).
41. Paixão, E, J Marreiros, J Gibaja, T Pereira, J Cascalheira, and N Bicho (2015). "Living and Hunting during the Mesolithic in the Cabeço Da Amoreira Shellmidden (Muge, Portugal): Preliminary Lithic Use-Wear Analysis". MESO 2015 (Belgrade, RS).
42. Cascalheira, J, J Marreiros, E Paixão, T Pereira, and N Bicho (2013). "Techno-Typological Analysis of the Lithic Materials from the Trench Area of Cabeço Da Amoreira (Muge, Central Portugal)". Muge 150th (Muge, PT).
43. Conyers, L, N Bicho, M Daniels, K Elliot, G Castro, J Cascalheira, and C Gonçalves (2013). "Ground-Penetrating Radar Mapping at the Mesolithic Muge Shell Mound, Portugal". Muge 150th (Muge, PT).
44. Gonçalves, C, J Cascalheira, and N Bicho (2013). "GIS Predictive Modeling for the Discovery of New Mesolithic Sites in Central Portugal". EAA 2013 (Pilzen, CZ).
45. Paixão, E, J Marreiros, J Cascalheira, T Pereira, J Gibaja, and N Bicho (2013). "Technological Approaches on Chert Stone Tool Production in the Mesolithic of Muge (Portuguese Estremadura)". EAA 2013 (Pilzen, CZ).
46. Gonçalves, C, J Cascalheira, A Amorim, and N Bicho (2012). "No More Pencils, No More Field Books...Archaeological Drawing from Total Station Data and Digital Photography". CAA 2012 (Southampton, UK).
47. Gonçalves, C, J Cascalheira, and N Bicho (2012). "Preliminary Spatial Density Analysis in the Upper Paleolithic Rockshelter of Vale Boi (Southern Portugal)". Paleoanthropological Society Annual Meeting (Memphis, US).
48. Gonçalves, C, J Cascalheira, and N Bicho (2012). "Visibility Studies on the Mesolithic of Muge Valley (Central Portugal)". SAA 2012 (Memphis, US).
49. Marreiros, J, N Bicho, J Gibaja, J Cascalheira, and T Pereira (2012). "The Vincentine Points from the Early Gravettian of Vale Boi (Portugal): Technological and Use-Wear Analysis". Paleoanthropological Society Annual Meeting (Memphis, US).
50. Pereira, T, J Marreiros, J Cascalheira, J Gibaja, C Coelho, N Bicho, and J Haws (2012). "Differences in Raw Material Management by Neandertals and Modern Humans in Southwest Iberia". Paleoanthropological Society Annual Meeting (Memphis, US).
51. Schmidt, I and J Cascalheira (2012). "What's the Difference? Variability among Solutrean "Parpallo Points" from Iberia". Paleoanthropological Society Annual Meeting (Memphis, US).
52. Bicho, N, T Pereira, J Cascalheira, J Marreiros, C Gonçalves, and R Dias (2011). "The Chronology of the Mesolithic Occupation of the Muge Valley, Central Portugal". INQUA 2011 (Bern, CH).
53. Bicho, N, J Cascalheira, J Marreiros, and T Pereira (2011). "Early Upper Paleolithic Ecodynamics in Southern Iberia". ESHE 2011 (Leipzig, DE).
54. Bicho, N, T Manne, J Marreiros, J Cascalheira, T Pereira, F Tátá, M Évora, and C Gonçalves (2011). "A Tale of Two Seas: Upper Paleolithic Ecology in Vale Boi, Southwestern Algarve (Portugal) and the Arrival of the First Modern Humans to Southwestern Iberia". INQUA 2011 (Bern, CH).
55. Cascalheira, J, N Bicho, J Marreiros, and T Pereira (2011). "Dating the Early Upper Paleolithic of Southwestern Iberia: The Case of Vale Boi". ESHE 2011 (Leipzig, DE).
56. Cascalheira, J, C Gonçalves, and N Bicho (2011). "Shellmiddens as a Landmark: Visibility Analysis in the Mesolithic of Muge Valley (Central Portugal)". UKAS 2011 (Reading, UK).
57. Dias, R, J Cascalheira, C Gonçalves, C Detry, and N Bicho (2011). "Preliminary Analysis of the Spatial Relationships between Faunal and Lithic Remains on the Mesolithic Shellmidden of Cabeço Da Amoreira (Muge, Portugal)". IV Jornadas Do Quaternário – APEQ (Coimbra, PT).
58. Marreiros, J, J Cascalheira, and N Bicho (2011). "Flake Production in the Early Upper Paleolithic Assemblages of Vale Boi (Southern Portugal)". Flakes Not Blades - Discussing the Role of Flake Production at the Onset of the Upper Palaeolithic (Mettman, DE).
59. Pereira, T, N Bicho, J Cascalheira, J Marreiros, J Gibaja, and J Haws (2011). "Differences in the Management of Raw Material in the Upper and Middle Paleolithic in SW Iberia". UKAS 2011 (Reading, UK).
60. Pereira, T, N Bicho, J Cascalheira, J Marreiros, J Gibaja, and J Haws (2011). "The Impact of Raw Material Availability in the SW Iberian Paleolithic". ESHE 2011 (Leipzig, DE).

61. Bicho, N, T Manne, J Marreiros, J Cascalheira, F Tátá, J Gibaja, M Évora, and C Gonçalves (2010). "On the Edge: The Upper Paleolithic from Vale Boi, Algarve, Portugal and the Arrival of the First Modern Humans to Southwestern Iberia". Paleoanthropological Society Annual Meeting (Saint Louis, US).
62. Cascalheira, J, J Marreiros, and M Évora (2010). "From Gravettian to Solutrean in Southwestern Iberia: A Technological Perspective". Paleoanthropological Society Annual Meeting (Saint Louis, US).
63. Jesus, L, J Marreiros, J Cascalheira, J Gibaja, T Pereira, and N Bicho (2010). "Occupation, Functionality and Culture. Preliminary Results from Microliths Technology and Use-Wear Analysis of Cabeço Da Amoreira (Muge, Portugal)". MESO 2010 (Santander, ES).

Fieldwork

AS COORDINATOR

- 2017- Excavations at the Paleolithic site of Gruta da Companheira, Portugal
- 2009- Excavations at the Paleolithic site of Vale Boi, Portugal
- 2009- Excavations at the Mesolithic site of Cabeço da Amoreira, Portugal
- 2013 Excavations at the Mesolithic site of Cabeço da Arruda, Portugal
- 2009 Excavations at the Paleolithic sites of Gruta Nova da Columbeira and Lapa do Suão, Portugal

AS INVITED SPECIALIST

- 2016- Survey and excavations in Mozambique under the project Stone Age Vilankulos: Modern Human Origins Research south of the Rio Save, Mozambique. Lithics specialist and field manager. PI: Jonathan Haws
- 2016- Excavations at Dehesilla Cave, Spain. Total station specialist. PI: Daniel Garcia Rivero
- 2013-15 Survey and excavations in Mozambique under the project Middle Stone Age archaeology and the origins of modern humans in southern Mozambique. Lithics specialist and field manager. PI: Nuno Bicho
- 2014-15 Excavations at Picareiro Cave. Total station specialist. PI: Jonathan Haws

OTHER FIELDWORK

- 2008 Excavations at the Mesolithic site of Cabeço da Amoreira, Portugal. Assistant field manager. PI: Nuno Bicho.
- 2006 Testing at the site of Zavial Rockshelter, Portugal. Excavator. PI: Nuno Bicho.
- 2005-06 Excavations at the Paleolithic site of Vale Boi, Portugal. Assistant field manager. PI: Nuno Bicho
- 2004 Excavations at the Mesolithic site of Barranco das Quebradas, Portugal. Excavator. PI: Maria J. Valente

Extension and knowledge dissemination

STUDENT AND POSTDOCTORAL SUPERVISION

- 2020- Emily Hallinan (Marie Curie Fellow, ICArEHB, University of Algarve)
- 2017- Joana Belmiro (M.A. dissertation, University of Algarve, Portugal)
- 2017- Pedro Horta (Ph.D. thesis, University of Algarve, Portugal)
- 2017 Joana Belmiro (Undergrad. dissertation, University of Algarve, Portugal)
- 2014-15 Pedro Horta (M.A. dissertation, University of Algarve, Portugal)

INVITED SEMINARS

- 2019 “A última década de trabalhos arqueológicos no concheiro do Cabeço da Amoreira, Muge”. Muge, Salvaterra de Magos, PT (with Célia Gonçalves, Nuno Bicho and Lino André)
- 2017 “Evolução humana e a tecnologia dos instrumentos em pedra”. Universidade de Coimbra, Coimbra, Portugal, Universidade de Coimbra, Coimbra, PT.
- 2017 “Neanderthal to Modern Humans: the transition in Portugal”. Algarve Archaeological Association, São Brás de Alportel, PT
- 2016 “Prehistoric Hunter-Gatherer Adaptations in Southwestern Iberia and Mozambique”. Max Planck Institute for the Science of Human History, Jena, DE
- 2016 “The end of the Middle Paleolithic and the arrival of anatomically modern humans to Southwestern Iberia”. Max Planck Institute, Leipzig, DE (with Nuno Bicho)
- 2016 “Recent developments in the analysis of lithic technology”. University of Seville, ES
- 2015 “Laboratorial techniques for the analysis of lithic industries”. University Eduardo Mondlane, Maputo, MZ
- 2014 “Abrupt climate change and human adaptations”. University Eduardo Mondlane, Maputo, MZ
- 2014 “Stone Age archaeology in the Niassa region, Mozambique. Preliminary results from the 2014 campaign”. Geographical Society of Lisbon, Lisbon, PT (with N. Bicho, J. Haws, O. Madime, C. Gonçalves, V. Aldeias, and M. Benedetti)
- 2014 “Human responses to environmental change: the case of the Portuguese Upper Paleolithic”. National Museum of Archaeology, Lisbon, PT
- 2014 “The mediterranean influence on the social networks of the Solutrean in Iberia”. National Museum of Archaeology, Lisbon, PT

CONFERENCES/SYMPOSIA ORGANIZED

- 2018 “European Society for Human Evolution Annual Meeting”. University of Algarve, Faro, PT
- 2017 “International Congress The Solutrean”. With Isabell Schmidt, Nuno Bicho and Gerd-Christian Weniger. University of Algarve, Faro, PT
- 2016 “Symposium Global perspectives on the impact of abrupt climate change in hunter-gatherer-technologies”. With Nuno Bicho. SAA 2016, Orlando, USA
- 2015-2017 Conference cycle “Arqueologia às 6”. Organized by ICArEHB. Faro, PT
- 2012 “Symposium Solutrean points: past and present”. With Juan Gibaja Bao. At the International Conference El Solutrense. Almería, ES
- 2011 “IV International Conference of Young Researchers in Archaeology (JIA 2011)”. University of Algarve, Faro, PT
- 2010 “Session Demographic processes and cultural change: archaeological perspectives”. III International Conference of Young Researchers in Archaeology (JIA 2010). Barcelona, ES

WORKSHOPS AND EXHIBITIONS ORGANIZED

- 2016 Workshop “Data Analysis and R Statistics”. University of Algarve, Faro, PT
- 2016 Exhibition “The Prehistoric Origins of the Algarve”. Organized by ICArEHB and Centro de Ciência Viva do Algarve. Faro, Tavira, Lagos and Vila do Bispo. PT
- 2014 Exhibition “At the End of the World 30 thousand years ago: the prehistoric hunter-gatherers of Vale Boi”. Organized by ICArEHB. Vila do Bispo, PT
- 2011 Workshop “Total Station in Archaeology”. University of Algarve, PT. Promoted by NAP
- 2011 Exhibition “On the margins of the past: the Muge shell middens”. Salvaterra de Magos, PT. Organized by NAP
- 2010-14 Conferences “Arqueologia ao Sul”. University of Algarve, Faro, PT. Organized by NAP
- 2010 Workshop “Analysis of Lithic Industries” (University of Algarve, Faro, PT. Promoted by NAP
- 2010 Workshop “NESPOS On Tour”. University of Algarve, Faro PT. Promoted by NAP

TUTORING

- 2019- Creation of the archaeological survey and excavation Massive Open Online Courses (MOOC) modules of the *Online Learning on African Archeology and Heritage (ONLAAH)* project

Additional Training

- Workshop *Data Analysis and R Statistics*. University of Algarve, Faro, PT.
- Workshop *EVAN Toolbox*. Max Planck Institute for Evolutionary Anthropology, Leipzig, DE.

- Workshop *NESPOS on Tour*. University of Algarve, Faro, PT.
- Workshop *Understanding tool use, multidisciplinary perspectives on the cognition and ecology of tool using behaviors*. Max Planck Institute for Evolutionary Anthropology, Leipzig, DE.
- Workshop *Tools in organic materials: methods of analysis*. CSIC, Barcelona, ES.
- Workshop *Advanced SPSS applications*. University of Algarve, Faro, PT.
- Workshop *Functional studies in non-siliceous rocks*. Lisbon, PT.

Reviewer for academic journals

- PLoS ONE
- Journal of Human Evolution
- Advances in Archaeological Practice
- Journal of Archaeological Science: Reports
- Quaternary International
- Journal of Paleolithic Archaeology
- African Archaeological Review

Professional memberships

- European Society for the Study of Human Evolution
- Society for American Archaeology
- Paleoanthropology Society
- Archaeological Institute of America

Editorial boards

- Cambridge Scholars Publishing – Archaeology Advisory Board

Languages

- Portuguese (native)
- English (proficient)
- Spanish (conversational)