

CURRICULUM VITAE

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Palaeoanthropology,

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ACADEMIC BACKGROUND

Habilitation in Prehistoric Archaeology

2021

Palaeoanthropology, Department of Geosciences, Faculty of Science, Eberhard Karls Universität Tübingen.

PhD in Palaeolithic Archaeology

2010

Faculty of Archaeology, University of Leiden, The Netherlands

Supervisors: Prof. Dr. W. Roebroeks, Dr. P. Karkanas

Thesis: *The Early and Middle Pleistocene archaeological record of Greece: current status and future prospects*

Master of Arts in Prehistoric Archaeology (*cum laude*)

2004

Faculty of Archaeology, University of Leiden, the Netherlands

Supervisors: Prof. Dr. W. Roebroeks, Prof. Dr. T. van Kolfschoten

Thesis: *Greece in broader perspective: Lower Palaeolithic sites in the Mediterranean, their geological setting and the first occupation of Europe*

BA (4-year studies) in History and Archaeology

2000

Major in Archaeology and History of Art, Faculty of History and Archaeology, University of Athens

Supervisor: Prof. Dr. Chr. Doumas

Thesis: *Archaeological Methodology and Interpretation*

Socrates-Erasmus European Program

1998

Faculty of History, University of Bielefeld, Germany.

Thesis: *Attische Demokratie: Die Volksversammlung im 4. Jh. V. Chr.*

RESEARCH INTERESTS

Prehistoric archaeology; social anthropology; ethnoarchaeology; geoarchaeology; human evolution; social dimensions of prehistoric technology; symbolic thought and cosmology in prehistoric communities; lithic and bone artefact analysis; Palaeolithic, Mesolithic and Neolithic dispersals; Palaeolithic excavations and surveys; Palaeolithic, Mesolithic and Neolithic archaeology of the Mediterranean region; social complexity, cooperation and reciprocity in hunter-gatherer societies, social ecology.

ACADEMIC POSTS & FELLOWSHIPS

Assistant Professor **2023–**
Department of History and Archaeology, School of Philosophy, University of Ioannina.

Senior Researcher **2023–**
Palaeoanthropology, Institute of Archaeological Sciences, Eberhard Karls Universität Tübingen.
Partner / Senior archaeologist, ERC AdG Project “Our first steps to Europe” (FIRSTSTEPS; Principal Investigator: Prof. K. Harvati).

Senior Researcher **2019–2023**
Contract of indefinite duration.
Institute of Archaeological Sciences, Eberhard Karls Universität Tübingen.
Scientific coordinator, field director and team leader in Palaeolithic excavations and surveys. Design of research methodology; lithic and bone artifact analysis; geoarchaeological analyses. Organization of international conferences. Teaching of lectures, seminars and workshops.

Senior Researcher **2017–2022**
Institute for Archaeological Sciences, Eberhard Karls Universität Tübingen.
ERC CoG Project “Human Evolution at the Crossroads” (CROSSROADS; Principal Investigator: Prof. K. Harvati). Scientific coordinator and project manager, field director and team leader in Palaeolithic excavations and surveys. Design of research methodology; lithic and bone artifact analysis; geoarchaeological analyses. Organization of international conferences. Teaching of lectures, seminars and workshops.

Post-doctoral Fellow **2017**
Institute for Archaeological Sciences, Eberhard Karls Universität Tübingen.
Center for Advanced Studies “*Words, Bones, Genes, Tools: tracking linguistic, cultural and biological trajectories of the human past*”. Research topic: Towards a phylogenetic analysis of the late Pleistocene lithic artifact variability in the archaeological record of East Africa

Post-doctoral Researcher **2012–2017**
Institute for Archaeological Sciences, Eberhard Karls Universität Tübingen.
ERC StG Project “Paleoanthropology at the Gates of Europe: human evolution in the southern Balkans” (PaGE; Principal Investigator: Prof. K. Harvati). Scientific coordinator and project manager, field director and team leader in Palaeolithic excavations and surveys. design of research methodology; lithic and bone artifact analysis; geoarchaeological analyses. Organization of international conferences. Teaching of lectures, seminars and workshops.

TEACHING EXPERIENCE

University of Ioannina

→ 2023 – present, BA Curriculum:

"The archaeology of the Aegean before the 2nd millennium B.C." (Lecture)

"The archaeology of human evolution" (Lecture)

"The Palaeolithic period in Greece" (Lecture)

"Technological systems of the Stone Age" (Seminar)

→ Winter Semester 2017-18, Master of Arts Program "Ancient World: History and Archaeology".

"The tool assemblages of the first Europeans: lithic artifacts, bone tools and the role of technological systems in the earliest colonization of Europe" (Seminar). Invited by Prof. M. Fotiadis

University of Tübingen

BA and MSc curricula in Palaeoanthropology, Urgeschichte und Naturwissenschaftliche Archäologie.

→ Winter Semesters 2015-16, 2016-17, 2018-19, 2019-20, 2020-21, 2021-22, 2022-23

"Introduction to Human Evolution". Lecture for undergraduate students. The course examines the archaeological record of the Lower, Middle and Upper Palaeolithic in Eurasia and Africa, with an emphasis on material culture, social systems, ecology and economy. Co-teaching with Prof. K. Harvati (palaeoanthropological record), Dr. S. El Zaatari and Dr. G. Konidaris (osteology laboratory).

→ Winter Semesters 2018-19, '19-'20, Summer Semester 2019

"Experimental Archaeology Workshop: Lithic knapping, elephant butchering and elephant bone knapping". Workshop for under- and post-graduate students (MSc in Naturwissenschaftliche Archäologie), in collaboration with Dr. K. Kitakawa (Zooarchaeology). Experimental knapping of stone tools, and use of those tools for the butchering of an elephant limb; then, manufacturing of bone tools using the butchered elephant bones.

→ Winter Semesters 2012-13, 2013-2014, Eberhard Karls Universität Tübingen, BA and MSc curricula in Palaeoanthropology, Urgeschichte und Naturwissenschaftliche Archäologie.

"Palaeolithic Archaeology of Southern Europe": Seminar for under- and post-graduate students, entirely designed by the author, with a focus on the evolution of early human technology.

→ Summer Semesters 2012, 2013, 2021, 2022. Eberhard Karls Universität Tübingen, BA and MSc curricula in Palaeoanthropology, Urgeschichte und Naturwissenschaftliche Archäologie.

"Evolution of Human Biology and Behavior": Lectures and Seminar for Master students, which examines the following topics in human evolution: material culture / ecology / hominin behavior / early dispersals / origins and emergence of *H. sapiens* / origins of technology / human life history / hominin brain and language evolution / hominin diets / evolution of food sharing / evolution of the human social niche

→ Winter Semester 2021-22, 2022-23, Eberhard Karls Universität Tübingen, MSc curriculum Institut für Naturwissenschaftliche Archäologie.

"Field Methods in Archaeology": Lecture for the course "Perspectives in Human Evolution"

University of Athens

→ Winter Semester 2017-18, National and Kapodistrian University of Athens, Post-graduate Program, Department of History and Archaeology.

"The archaeology of open-air Palaeolithic sites: depositional environments, material culture, land-use and organization of space". Seminar for Master students in Prehistoric Archaeology. Invited by Prof. G. Kourtessi-Philippakis.

ACADEMIC ACTIVITIES & SERVICE TO PROFESSION

Co-supervision: PhD candidates, University of Tübingen: Dalila de Caro (lithic analysis), Serena Lombardo (lithic analysis); **Post-doc**: Rapporteur and member of the jury of J. Guibert-Cardin's PhD thesis "*Comportements socio-économiques au Paléolithique inférieur en Europe: apport de l'étude tracéologique et techno-fonctionnelle des outillages lithiques*" (lithic use-wear analysis)

Member of the Board, Institute of Archaeological Sciences, Eberhard Karls Universität Tübingen

Member of the Master Thesis Advisory Committee, Evolution and Ecology Research School Tübingen

Member of the Center for Advanced Studies (University of Tübingen) "*Words, Bones, Genes, Tools: Tracking Linguistic, Cultural and Biological Trajectories of the Human Past*".

Working Group Member for cultural data, Scientific Network COST (European Cooperation in Science and Technology), COST Action CA19141: "Integrating Neanderthal legacy: from past to present". <https://www.cost.eu/actions/CA19141/#tabs|Name:management-committee>

Affiliated Researcher: 1) Museum of Anthropology of the Medical School of the National and Kapodistrian University of Athens, 2) Norwegian Institute at Athens (Greece).

Scientific collaborator in the ERC Advanced Grant "Our first steps to Europe: Pleistocene Homo sapiens dispersals, adaptations and interactions in South-East Europe" (FIRSTSTEPS), 2022-2026. PI: Prof. K. Harvati (Palaeoanthropology, University of Tübingen).

Research team member in the ERC Consolidator Grant, "Reviving Paleolithic Research in Lebanon (REVIVE)", 2021-2025. PI: Dr. S. El-Zaatari (Palaeoanthropology, University of Tübingen).

Reviewer of grant proposals for the European Research Council (ERC), the Leaky Foundation (USA) and the National Science Center of Poland.

Reviewer of articles for the following journals: *Journal of Archaeological Method and Theory*; *Journal of Human Evolution*; *Quaternary International*; *Journal of Lithic Studies*; *Antiquity*; *Journal of Palaeolithic Archaeology*; *The Holocene*; *Quaternary Research*; *Open Quaternary*; *Journal of Greek Archaeology*; *European Journal of Archaeology*; *Zeitschrift für Geomorphologie*.

Professional Memberships: European Society for the study of Human Evolution (ESHE); Palaeoanthropology Society; Union Internationale des Sciences Préhistoriques et Protohistoriques (UISPP).

ARCHAEOLOGICAL RESEARCH

Excavation Projects

Apidima Cave Complex, Middle & Upper Palaeolithic **2022-2026**
Project co-director; Field director, scientific coordinator

Marathousa 1, Megalopolis, Lower Palaeolithic **2013-2019**
[Project Director: Dr. E. Panagopoulou]
Field director, scientific coordinator and project manager (PaGE; CROSSROADS).

Morfi and Popovo, Middle-Upper Palaeolithic open-air sites, Epirus, Greece **2016, 2017**
[Project Director: Dr. G. Kourtessi-Philippakis]

Field director, scientific coordinator and project manager (CROSSROADS). Funding of the 2016 research campaign with research grant from [Wenner-Gren Foundation](#).

Early Pleistocene paleontological site ‘TSR’, Macedonia, Greece **2014, 2015, 2017, 2018**
[Project Directors: Prof. G. Koufos, Prof. D. Kostopoulos, University of Thessaloniki]
Field assistant, scientific coordinator and project manager (PaGE; CROSSROADS).

Middle Palaeolithic cave site Mavri Spilia, Mani, Greece **2013**
[Project Director: Dr. E. Panagopoulou]
Field director, scientific coordinator and project manager (PaGE Project).

Megalopolis, Greece: Public Power Corporation construction works **2011**
Supervision of excavations; scientific consultancy as archaeologist appointed by the Dpt. of Paleoanthropology-Speleology of Greece.

Epipalaeolithic open-air site Ouriakos (Lemnos Island, Greece) **2011**
[Project Director: Prof. N. Efstratiou, University of Thessaloniki]
Field archaeologist as Palaeolithic specialist; Geoarchaeological assessments.

Palaeolithic Cave Lakonis (Mani, Greece) **2002–2008**
[Project Director: Dr. E. Panagopoulou, Dept. of Paleoanthropology/Speleology of Greece]
Field archaeologist; Supervision of excavation sectors; Lithic studies; Laboratory analyses; Daily reports.

Middle Palaeolithic Cave ‘Kalamakia’ (Mani, Greece) **2002**
[Project Director: Dr. A. Darlas]
Field archaeologist; Supervision of excavation sectors; Laboratory analyses.

Classical site Dymokastro (Epirus, Greece) **2002–2003**
[Department of Antiquities, Thesprotia, Greece]
Field director; Site restoration works; Post-excavation analyses; Site mapping and description of architectural monuments; Publication of results.

Bronze Age site Zakros (Crete, Greece) **1997**
[Project Director: Dr. S. Chryssoulaki; Research Program "Minoan Roads"]
Pottery researcher.

Classical site ‘Messene’ (Peloponnesus, Greece) **1996**
[Project Director: Prof. P. Themelis, Greek Archaeological Society]
Field archaeologist; Supervision of excavation sectors; Post-excavation studies of finds; Daily reports.

Survey Projects

The Megalopolis Palaeoenvironmental Project (Greece) **2018–2022**
[Project Directors: Dr. E. Panagopoulou, Dr. P. Karkanis (ASCSA), Prof. K. Harvati (Tübingen)]
Field co-director, scientific coordinator and project manager (Project CROSSROADS).

Palaeolithic Survey in the Mygdonia Basin (Greece) **2019, 2021, 2022**
[Project Director: Prof. K. Kotsakis]
Field co-director, scientific coordinator and project manager (CROSSROADS).

Palaeolithic survey in the Afar, Ethiopia **2018**
[Project Director: Dr. Y. Sahle]

Field assistant, as specialist in Palaeolithic lithic technology and geoarchaeology.

Kalamas River Survey Project, Epirus (Greece) 2015, 2016

[Project Director: Prof. G. Kourtessi-Philippakis, University of Athens]

Field director and team leader of a specialized group surveying for Palaeolithic sites. Funding of the 2016 research campaign with research grant from Wenner-Gren Foundation.

Paleontological Survey at Mygdonia basin, Macedonia (Greece) 2013, 2014

[Project Director: Prof. G. Koufos, Prof. D. Kostopoulos, University of Thessaloniki]

Field co-director, scientific coordinator and project manager (PaGE Project).

Palaeolithic Survey in Megalopolis (Greece) 2012, 2013

[Project Directors: Dr. E. Panagopoulou, Prof. Dr. K. Harvati]

Field director, scientific coordinator and project manager (PaGE).

Paleolithic Survey at Katharo Plateau, Crete (Greece) 2013

[Project Director: Dr. E. Panagopoulou]

Field director, scientific coordinator and project manager (PaGE Project).

Palaeolithic Survey of caves and rockshelters in Mani (Greece) 2012

[Project Director: Dr. E. Panagopoulou]

Field director, scientific coordinator and project manager (PaGE Project).

Cide Archaeological Project (Turkey) 2011

[Project Director: Dr. B. Düring, University of Leiden]

Field assistant, as Palaeolithic and lithic specialist; Geoarchaeological investigations.

Epirus and Thessaly Palaeolithic Surveys (Greece) 2005–2010

[fieldwork for my PhD research project]

Collaboration with geologist Dr. P. Karkanas (Dept. of Paleoanthropology/Speleology of Greece) and Prof. R. Caputo (University of Ferrara); Geoarchaeological investigations; Typo-technological studies of artifacts (collections of Ioannina and Larissa museums); Geological sampling for luminescence dating; Geomorphological mapping of selected sites.

Zakynthos Archaeology Project (Greece) 2005–2008

[Project Director: Dr. G.J. van Wijngaarden, Netherlands Institute at Athens]

Field assistant as PhD candidate specializing in Palaeolithic lithic technology and geoarchaeology; Study and publication of lithic assemblages, collaboration with Prof. G. Kourtessi-Philippakis. Quaternary geoarchaeological investigations, collaboration with Prof. R. Caputo (structural geology); Geological sampling for luminescence dating.

Aliakmon Palaeolithic / Palaeoanthropological Survey Project (Greece) 2005, 2006

[Project Director: Dr. E. Panagopoulou, Dr. K. Harvati]

Field assistant as PhD student specializing in Palaeolithic lithic technology and geoarchaeology; Study of lithic assemblages, training in geomorphology and landscape geoarchaeology.

Thesprotian Expedition Survey Project (Epirus, Greece) 2005, 2006

[Project Director: Dr. B. Forsén, Finnish Institute at Athens]

Field assistant as PhD student specializing in Palaeolithic lithic technology and geoarchaeology; Study of Palaeolithic lithic assemblages, publication of a Mesolithic site in edited volume.

Kandia Palaeolithic/Mesolithic Survey Project (Peloponnesus, Greece) 2003

[Project Director: Prof. C. Runnels]

Field assistant as Master student specializing in Stone Age lithic studies; Palaeolithic and Mesolithic artifact studies; Co-authoring of publication.

PUBLICATIONS

Google Scholar Citations: 1420, h-index: 22, i10-index: 36

<https://scholar.google.com/citations?user=VIg9MdEAAAJ&hl=en&oi=ao>

1. Monographs

1.1. **Turloukis**, V. 2010. *The Early and Middle Pleistocene archaeological record of Greece: current status and future prospects*. Archaeological Studies Leiden University 23, Leiden: Leiden University Press.

2. Edited volumes (peer-reviewed)

2.1. Konidaris, G., Barkai, R., **Turloukis**, V., Harvati, K. (Eds.) 2021. *Human-elephant interactions: from past to present*. Tübingen: Tübingen University Press.

2.2. Harvati, K., Konidaris, G., **Turloukis**, V., (Eds.) 2018. The Gates of Europe. *Quaternary International* Special Issue, Volume 497 Part A, pp. 1-240.

3. Chapters in edited volumes (peer-reviewed)

3.1. Harvati K., Grün R., Duval M., Zhao J., Karakostis A., **Turloukis** V., Gorgoulis V., Kouloukoussa M. 2021. Direct U-series dating of the Apidima C human remains. In: Reyes-Centeno H, Harvati K (eds) *Ancient Connections in Eurasia*, pp. 37-55. Tübingen: Kerns Verlag.

3.2. Konidaris, G., Barkai, R., **Turloukis**, V., Harvati, K. 2021. Human-elephant interactions from past to present: an introduction. In: Konidaris, G., Barkai, R., Turloukis, V., Harvati, K. (Eds), *Human-elephant interactions: from past to present*, pp. 13-21. Tübingen: Tübingen University Press.

3.3. Konidaris, G., **Turloukis**, V. 2021. Proboscidea-*Homo* interactions in open-air localities during the Early and Middle Pleistocene of Western Eurasia: a palaeontological and archaeological perspective. In: Konidaris, G., Barkai, R., Turloukis, V., Harvati, K. (Eds), *Human-elephant interactions: from past to present*, pp. 67-104. Tübingen: Tübingen University Press.

3.4. **Turloukis**, V. 2016. On the spatio-temporal distribution of Mediterranean Lower Palaeolithic sites: a geoarchaeological perspective. In: Harvati, K., Roksandic, M. (Eds.), *Paleoanthropology of the Balkans and Anatolia: Human evolution and its context*, pp. 303-323. Vertebrate Paleobiology and Paleoanthropology Series, Dordrecht: Springer Verlag.

3.5. **Turloukis**, E., Palli, O. 2009. The first Mesolithic site of Thesprotia. In: B. Forsén (Eds.), *Thesprotia Expedition I: Towards a regional history*, pp. 25-38. Helsinki: Papers and Monographs of the Finnish Institute at Athens XV.

4. Scientific Journals (peer-reviewed)

- 4.1. **Tourloukis**, V., Karkanias, P., Giusti, D., Thompson, N., Nomade, S., Varis, A., Schaller, M., Jacobs, Z., Junginger, A., Harvati, K., Philippakis, G. [in prep.]. Under the red earth: geoarchaeological and dating evidence for the Middle and Upper Palaeolithic of Epirus, Greece. *Journal of Paleolithic Archaeology*.
- 4.2. Philippakis, Thompson, N., Tsirogiannis, A., Harvati, K., **Tourloukis**, V. [in prep.]. Typological and technological analysis of new Middle to Upper Palaeolithic lithic assemblages from Epirus, Greece. *Journal of Paleolithic Archaeology*.
- 4.3. De Caro, D., Kuhn, M., Thompson, N., Panagopoulou, E., Harvati, K., Tourloukis, V. in press. Small flakes for sharp needs: technological behavior in the Lower Palaeolithic site of Marathousa 1, Greece. *PLoS ONE*.
- 4.4. Konidaris, G.E., Athanassiou, A., **Tourloukis**, V., Chitoglou, K., van Kolfschoten, T., Giusti, D., Thompson, N., Tsartsidou, G., Roditi, E., Panagopoulou, E., Karkanias, P., Harvati, K. (2024). The Late Early–Middle Pleistocene Mammal Fauna from the Megalopolis Basin (Peloponnese, Greece) and Its Importance for Biostratigraphy and Paleoenvironment. *Quaternary*, 7(4), 41.
- 4.5. Butiseacă, G.A., Vasiliev, I., van der Meer, M. T., Bludau, I. J., Karkanias, P., **Tourloukis**, V., Juninger, A., Mulch, A., Panagopoulou, E., Harvati, K. (2024). The expression of the MIS 12 glacial stage in Southeastern Europe and its impact over the Middle Pleistocene hominins in Megalopolis Basin (Greece). *Global and Planetary Change*, 242, 104585.
- 4.6. De Caro, D., Tourloukis, V., Thompson, N., Varis, A., Panagopoulou, E., Harvati, K. 2024. The lithic assemblage from the Palaeolithic survey research in the Megalopolis Basin, Greece. *Journal of Lithic Studies* 11 (1), 29 p.
- 4.7. Roditi, E., Bocherens, H., Konidaris, G. E., Athanassiou, A., Tourloukis, V., Karkanias, P., Panagopoulou, E., Harvati, K. 2024. Life-history of *Palaeoloxodon antiquus* reveals Middle Pleistocene glacial refugium in the Megalopolis basin, Greece. *Scientific Reports*, 14(1), 1390.
- 4.8. Konidaris, G., **Tourloukis**, V., Boni, G., Athanassiou, A., Giusti, D., Thompson, N., Syrides, G., Panagopoulou, E., Karkanias, P., Harvati, K. 2023. Marathousa 2: a new Middle Pleistocene locality in the Megalopolis Basin (Greece) with evidence of hominin exploitation of megafauna (*Hippopotamus*). *Palaeoanthropology* 2023:1, 34-55.
- 4.9. Kunze, J., Karakostis, F.A., Merker, S., Peresani, M., Hotz, G., **Tourloukis**, V., Harvati, K. 2022. Tool-using behaviour preceded high dexterity in human evolution. *PalaeoAnthropology* 2022:2, 195-210.
- 4.10. Guibert-Cardin, J., **Tourloukis**, V., Thompson, N., Panagopoulou, E., Harvati, K., Nicoud, E., Beyries, S. 2022. The function of small tools during the Middle Pleistocene in Europe: the case of Marathousa 1 (Megalopolis, Greece). *Journal of Lithic Studies* 9, nr. 1., 29 pp.
- 4.11. Bludau, I.E., Weiss, M., Papadopoulou, P., Iliopoulos, G., Schnabel, E., Thompson, N., **Tourloukis**, V., Zachow, C., Kyrikou, S., Konidaris, G., Karkanias, P., Panagopoulou, E., Harvati, K., Junginger, A. 2021. Lake level changes and their paleo-climatic implications at the MIS12 Lower Paleolithic (Middle Pleistocene) site Marathousa 1, Greece. *Frontiers in Earth Science* 9:668445.
- 4.12. Karakostis, F.A., Haeufle, D., Anastopoulou, I., Moraitis, K., Hotz, G., **Tourloukis**, V., Harvati, K., 2021. Biomechanics of the human thumb and the evolution of dexterity. *Current Biology* 31, 1-9.

- 4.13. Starkovich, B., Cuthbertson, P., Kitakawa, K., Thompson, N., Konidaris, G., Rots, V., Münzel, S., Giusti, D., Schmid, V., Blanco-Lapaz, A., Lepers, Ch., **Tourloukis**, V. 2021. Minimum tools, maximum meat: explorative experimental butchery of an Elephant foot using Lower Paleolithic stone tool technology. *Ethnoarchaeology* (31 pp.). <https://doi.org/10.1080/19442890.2020.1864877>
- 4.14. Konidaris, G., Kostopoulos, D., Maron, M., Schaller, M., Ehlers, T., Aidona, E., Marini, M., **Tourloukis**, V., Muttoni, G., Koufos, G., Harvati, K. 2021. Dating of the Lower Pleistocene vertebrate site of Tsiotra Vryssi (Mygdonia Basin, Greece): biochronology, magnetostratigraphy and cosmogenic radionuclides. *Quaternary* 4 (1), 1-18.
- 4.15. Sahle, Y., Giusti, D., **Tourloukis**, V. 2019. Newly discovered Middle Pleistocene hominid-bearing deposits from the Lower Awash basin, Ethiopia. *Anthropological Science* 127 (3), 141-147.
- 4.16. Giusti, D., Konidaris, G.E., **Tourloukis**, V., Marini, M., Maron, M., Zerboni, A., Thompson, N., Koufos, G.D., Kostopoulos, D.S., Harvati, K., 2019. Recursive anisotropy: a spatial taphonomic study of the Early Pleistocene vertebrate assemblage of Tsiotra Vryssi, Mygdonia Basin, Greece. *Boreas* 48 (3), 713-730.
- 4.17. Karakostis, F.A., Hotz G., **Tourloukis**, V., Harvati K., 2018. Evidence for precision grasping in Neandertal daily activities. *Science Advances* 4, eaat2369.
- 4.18. **Tourloukis**, V., Harvati, K. 2018. The Palaeolithic record of Greece: a synthesis of the evidence and a research agenda for the future. *Quaternary International* 466, 48-65.
- 4.19. **Tourloukis**, V., Thompson, N., Panagopoulou, E., Giusti, D., Konidaris, G., Harvati, K. 2018. Lithic artifacts and bone tools from the Lower Palaeolithic site Marathousa 1, Megalopolis, Greece: preliminary results. *Quaternary International* 497, 47-64.
- 4.20. **Tourloukis**, V., Muttoni, G., Karkanas, P., Monesi, E., Scardia, G., Panagopoulou, E., Harvati, K., 2018. Magnetostratigraphic and chronostratigraphic constraints on the Marathousa 1 Lower Palaeolithic site and the Middle Pleistocene deposits of the Megalopolis basin, Greece. *Quaternary International* 497, 154-169.
- 4.21. Panagopoulou, E., **Tourloukis**, V., Thompson, N., Konidaris, G., Athanassiou, A., Giusti, D., Tsartsidou, G., Karkanas, P., Harvati, K. 2018. The Lower Palaeolithic site of Marathousa 1, Megalopolis, Greece: overview of the evidence. *Quaternary International* 497, 33-46.
- 4.22. Karkanas, P., **Tourloukis**, V., Thompson, N., Giusti, D., Panagopoulou, E., Harvati, K., 2018. Sedimentology and micromorphology of the Lower Palaeolithic lakeshore site Marathousa 1, Megalopolis, Greece. *Quaternary International* 497, 123-136.
- 4.23. Giusti, D., **Tourloukis**, V., Konidaris, G.E., Thompson, N., Karkanas, P., Panagopoulou, E., Harvati, K., 2018. Beyond maps: patterns of formation processes at the Middle Pleistocene open-air site of Marathousa 1, Megalopolis, Greece. *Quaternary International* 497, 137-153.
- 4.24. Thompson, N., **Tourloukis**, V., Panagopoulou, E., Harvati, K., 2018. In search of Pleistocene remains at the Gates of Europe: directed surface survey of the Megalopolis Basin (Greece). *Quaternary International* 497, 22-32.
- 4.25. Konidaris, G.E., Athanassiou, A., **Tourloukis**, V., Thompson, N., Giusti, D., Panagopoulou, E., Harvati, K. 2018. The skeleton of a straight-tusked elephant (*Palaeoloxodon antiquus*) and other large mammals from the Middle Pleistocene butchering locality Marathousa 1 (Megalopolis Basin, Greece): preliminary results. *Quaternary International* 497, 65-84.

- 4.26. Jacobs, Z., Li, B., Karkanas, P., **Tourloukis**, V., Thompson, N., Panagopoulou, E., Harvati, K., 2018. Optical dating of K-feldspar grains from Middle Pleistocene lacustrine sediment at Marathousa 1 (Greece). *Quaternary International* 497, 170-177.
- 4.27. Athanassiou, A., Michailidis, D., Vlachos, E., **Tourloukis**, V., Thompson, N., Harvati, K., 2018. Pleistocene vertebrates from the Kyparissia lignite mine, Megalopolis Basin, S. Greece: Testudines, Aves, Suiformes. *Quaternary International* 497, 178-197.
- 4.28. Blackwell, A.B.B., Sakhrani, N., Singh, I.K., Gopalkrishna, K.K., **Tourloukis**, V., Panagopoulou, E., Karkanas, P., Blickstein, J.I.B., Skinner, A.R., Florentin, J.A., Harvati, K., 2018. ESR dating ungulate teeth and molluscs from the Paleolithic site Marathousa 1, Megalopolis Basin, Greece. *Quaternary* 1 (3), 22.
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- 4.32. **Tourloukis**, V., Karkanas, P., Wallinga, J. 2015. Revisiting Kokkinopilos: Middle Pleistocene radiometric dates for stratified archaeological remains in Greece. *Journal of Archaeological Science* 57, 355-369.
- 4.33. Konidaris, G.E., **Tourloukis**, V., Kostopoulos, D.S., Thompson, N., Giusti, D., Michailidis, D., Koufos, G.D., Harvati, K. 2015. Two new vertebrate localities from the Early Pleistocene of Mygdonia Basin (Macedonia, Greece): preliminary results. *Comptes Rendus Palevol.* 14, 353-362.
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- 4.35. Harvati, K., **Tourloukis**, V. 2013. Human Evolution in the Southern Balkans. *Evolutionary Anthropology* 22, 43-45.
- 4.36. **Tourloukis**, V., Karkanas, P. 2012. The Middle Pleistocene archaeological record of Greece and the role of the Aegean in hominin dispersals: new data and interpretations. *Quaternary Science Reviews* 43, 1-15.
- 4.37. **Tourloukis**, V., Karkanas, P. 2012. Geoarchaeology in Greece: a review. In: Skourtsos, E., Lister, G.S. (Eds), *The Geology of Greece. Journal of Virtual Explorer*, Electronic Edition, vol. 42, paper 5.
- 4.38. **Tourloukis**, V. 2009. New bifaces from the Palaeolithic site of Kokkinopilos, Greece and their stratigraphic significance. *Antiquity* 83 (issue 320), Project Gallery.
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5. Scientific Journals (non-refereed)

- 5.1. **Tourloukis**, V. 2021. Palaeolithic archaeology in Greece: a review of recent research. *Archaeological Reports* 67, 61-79. Society for the Promotion of Hellenic Studies and Cambridge University Press.
- 5.2. Panagopoulou, E., **Tourloukis**, V., Thompson, N., Athanassiou, A., Konidaris, G., Tsartsidou, G., Giusti, D., Harvati, K., [in press] Excavations at the Marathousa 1 site, Megalopolis, Arcadia: research campaign 2017. *Archaeologiko Deltio*, Chronika 2017 (in Greek).
- 5.3. Panagopoulou, E., **Tourloukis**, V., Thompson, N., Athanassiou, A., Konidaris, G., Tsartsidou, G., Giusti, D., Harvati, K., [in press] Excavations at the Marathousa 1 site, Megalopolis, Arcadia: research campaign 2016. *Archaeologiko Deltio*, Chronika 2016 (in Greek).
- 5.3. Panagopoulou, E., Harvati, K., **Tourloukis**, V., Thompson, N., Athanassiou, A., Karkanias, P., Tsartsidou, G., Konidaris, G. [in press] Excavations at the Marathousa 1 site, Megalopolis, Arcadia: research campaign 2015. *Archaeologiko Deltio*, Chronika 2015 (in Greek).
- 5.4. Panagopoulou, E., Harvati, K., **Tourloukis**, V., Thompson, N., Athanassiou, A., Karkanias, P., Tsartsidou, G., Konidaris, G., Giusti, D. 2020. Systematic excavation at Marathousa 1, Megalopolis, Arcadia: 2014 research campaign. *Archaeologiko Deltio* 69, 2361-2366, Chronika 2014 (in Greek).
- 5.5. Panagopoulou, E., Harvati, K., **Tourloukis**, V., Thompson, N., Athanassiou, A., Karkanias, P., Tsartsidou, G., Konidaris, G., 2019. Systematic excavation at Marathousa 1, Megalopolis, Arcadia: 2015 research campaign. *Archaeologiko Deltio* 70, 1303-1308, Chronika 2015 (in Greek).
- 5.6. Kourtessi-Philippakis, G., **Tourloukis**, V., Sakkas, D., Michos-Rammos, F. 2019. The survey research of the University Athens in the Middle Kalamas River Basin. *Archaeologiko Deltio* 70, 833-838, Chronika 2015 (in Greek).
- 5.7. Panagopoulou, E., Athanassiou, A., Karkanias, P., Harvati, K., **Tourloukis**, V., Thompson, N. 2017. Research in the Megalopolis Basin. *Archaeologiko Deltio* 68, 875-879, Chronika 2013 (in Greek).
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- 5.9. Panagopoulou, E., Karkanias, P., Harvati, K., **Tourloukis**, V., Thompson, N., Garefalakis, Ch. 2016. Survey research in Western Mani. *Archaeologiko Deltio* 67, 809-814, Chronika 2012 (in Greek).
- 5.10. Panagopoulou, E., Athanassiou, A., Karkanias, P., Harvati, K., **Tourloukis**, V., Thompson, N. 2016. Survey research in the Megalopolis basin. *Archaeologiko Deltio* 67, 806-809, Chronika 2012 (in Greek).
- 5.11. van Wijngaarden, G.J., Sotiriou, A., Horn Lopes, J., Gkouma, M., Koster, K., Stoker A., Susan, D., **Tourloukis**, E. 2008. The Zakynthos Archaeology Project: preliminary report on the 2008 season. *Pharos* XVI, 61-83.
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5.14. Panagopoulou, E., Runnels, C., Tsartsidou, G., Murray, P., Allen, S., Mullen, K., **Tourloukis**, V., 2002-2005. The Mesolithic survey in the Kandia region (Argolid). *Athens Annals of Archaeology*, 35-38, pp. 23-36 (in Greek with English abstract).

6. Book reviews

6.1. **Tourloukis**, V. 2012. Peninj: a research project on human origins (1995-2005). Book review. *Antiquity* 86 (332), 570-571.

7. Published, citable abstracts from conference presentations

7.1. Harvati, K., **Tourloukis**, V., Thompson, N., Giusti, D., Tsartsidou, G., Athanassiou, A., Konidaris, G., Roditi, E., Panagopoulou, E., Karkanias, P. 2024. The MEGAPAL survey: new results on the Lower Palaeolithic of the Megalopolis Basin, southern Greece. *European Society for the study of Human Evolution*, Abstracts p. 440.

7.2. Roditi, E., Bocherens, H., Konidaris, G. E., Athanassiou, A., **Tourloukis**, V., Karkanias, P., Panagopoulou, E., Harvati, K. 2024. Megaherbivore isotopic biogeochemistry supports glacial microrefugium status of the Megalopolis Basin (Greece) across the Middle Pleistocene. *European Society for the study of Human Evolution*, Abstracts p. 515.

7.3. Butiseacă, G.A., Vasiliev, I., van der Meer, M. T., Bludau, I. J., Karkanias, P., **Tourloukis**, V., Juninger, A., Mulch, A., Panagopoulou, E., Harvati, K. 2024. Expression of the MIS 12 glacial stage in Southeastern Europe and its impact over the Middle Pleistocene hominins in Megalopolis Basin (Greece). *European Society for the study of Human Evolution*, Abstracts p. 389.

7.4. Marciani, G., Lombardo, S., Arrighi, S., Thompson, N., Tourloukis, V., Benazzi, S., Harvati, K. 2024. The Uluzzian of Klissoura Cave 1, Greece. *European Society for the study of Human Evolution*, Abstracts p. 471.

7.5. Karakostis, F.A., Haeufle, D., Anastopoulou, I., Moraitis, K., Hotz, G., **Tourloukis**, v., Harvati, K. 2022. New insights into the evolution of hominin thumb dexterity. *American Journal of Biological Anthropology* 177, 94.

7.6. Kunze, J., Karakostis, F.A., Merker, S., Peresani, M., Hotz, G., **Tourloukis**, V., Harvati, K. 2022. Enteseal patterns suggest habitual tool use in early hominins. *American Journal of Biological Anthropology* 177, 101.

7.7. Konidaris, G., **Tourloukis**, V. 2020. Early and Middle Pleistocene large carnivore guilds of Europe and their role in the evolution of hominin subsistence strategies: an ecomorphological and behavioral approach. *European Society for the study of Human Evolution*, Abstracts p. 6.

7.8. Kranis, H., Skourtsos, E., Davis, G., Karkanias, P., **Tourloukis**, V., Panagopoulou, E. and Harvati, K., 2020. Switch-on, switch-off: Plio-Quaternary evolution of the Megalopolis Basin (Southern Greece), through structural overprinting, interaction and fault migration. *EGU General Assembly Conference Abstracts* 2020, p. 19950, doi.org/10.5194/egusphere-egu2020-19950.

7.9. Bludau, I., Weiss, M., Schnabel, E., Thompson, N., **Tourloukis**, V., Karkanias, P., Panagopoulou, E., Harvati, K., Junginger, A., 2020. Lake level changes and their paleo-climatic implications at the Middle Pleistocene excavation of MAR-1, southern Greece. *EGU General Assembly Conference Abstracts* 2020, p. 21437, doi.org/10.5194/egusphere-egu2020-21437.

- 7.10. Konidaris, G.E., **Tourloukis**, V., Athanassiou, A., Giusti, D., Thompson, N., Panagopoulou, E., Karkanis, P., Harvati, K., 2019. Marathousa 2: A new Middle Pleistocene locality in Megalopolis Basin (Greece) with evidence of human modifications on faunal remains. *Proceedings of the European Society for the study of Human Evolution* Vol. 8, 82.
- 7.11. **Tourloukis** V., Thompson N., Panagopoulou E., Konidaris G., Giusti D., Athanassiou, A., Tsartsidou, G., Karkanis P., Harvati K. 2017. The lithic assemblage and bone tools from the Lower Palaeolithic site of Marathousa 1, Megalopolis, Greece: first results. *Proceedings of the European Society for the study of Human Evolution* Vol. 6, 202.
- 7.12. **Tourloukis**, V., Thompson, N., Panagopoulou, E., Giusti, D., Karkanis, P., Konidaris, G., Harvati, K., 2017. The cultural material from the Lower Palaeolithic site of Marathousa 1, Megalopolis, Greece: preliminary results. *PaleoAnthropology*, A36.
- 7.13. Harvati, K., Panagopoulou, E., **Tourloukis**, V., Thompson, N., Karkanis, P., Konidaris, G., Athanassiou, A., Tsartsidou, G., Giusti, D., 2017. Marathousa 1: new Lower Paleolithic elephant butchering site from the Megalopolis basin, Greece. *Proceedings of the European Society for the study of Human Evolution* Vol. 6, 84.
- 7.14. Konidaris, G., Athanassiou, A., **Tourloukis**, V., Thompson, N., Giusti, D., Panagopoulou, E., Harvati, K., 2017. The *Elephas (Palaeoloxodon) antiquus* skeleton and other large mammals from the Lower Palaeolithic locality Marathousa 1 (Megalopolis Basin, Greece): preliminary results. *Proceedings of the European Society for the study of Human Evolution* Vol. 6, 104.
- 7.15. Giusti, D., **Tourloukis**, V., Konidaris, G., Thompson, N., Karkanis, P., Panagopoulou, E., Harvati, K. 2017. Beyond maps: patterns of formation processes at the Middle Pleistocene open-air site of Marathousa 1, Megalopolis, Greece. *Proceedings of the European Society for the study of Human Evolution* Vol. 6, 74.
- 7.16. Harvati, K., Panagopoulou, E., **Tourloukis**, V., Thompson, N., Karkanis, P., Athanassiou, A., Konidaris, G., Tsartsidou, G., Giusti, D., 2016. New Middle Pleistocene elephant butchering site from Greece. *PaleoAnthropology*, A14.
- 7.17. Blackwell, B.A.B., Singh, I., GopalKrishna, K., Chen, K.K., Sakhrani, N., **Tourloukis**, V., Karkanis, P., Florentin, J.A., Blickstein, L.I.B., Panagopoulou, E., Harvati, K., Skinner, A., 2016. ESR dating the fossil-bearing layers at the Marathousa 1 site, Megalopolis, Greece. *PaleoAnthropology*, A5.
- 7.18. **Tourloukis**, V., Karkanis, P. 2015. Earliest radiometric dates for stratified archaeological remains in Greece: the evidence from Kokkinopilos, NW Greece. *American Journal of Physical Anthropology* 156, 306.
- 7.19. Harvati, K., **Tourloukis**, V., 2015. Paleoanthropology in the Balkans: state of the art and challenges for future. *American Journal of Physical Anthropology* 156, 160.

CONFERENCE PRESENTATIONS (accepted after review)

1. Harvati, K., **Tourloukis**, V., Panagopoulou, E., Karkanis, P. 2024. Paleolithic dispersals, survivals and population contacts: uncovering human evolution in Greece. Half a century of archaeological science in Greece: past, present, future. 29.11-01.12, Fitch Laboratory, British School at Athens, Greece.
- De Caro, D., Kuhn, M., Panagopoulou, E., Harvati, K., **Tourloukis**, V. 2024. Unravelling the strategic interplay between bipolar and freehand techniques in the Lower Palaeolithic site of Marathousa 1

(Megalopolis basin, Greece) through lithic analysis and experimental knapping. *4th Virtual Conference for Women Archaeologists and Paleontologists*.

2. **Tourloukis**, V. 2023. Human occupation in a glacial refugium: ten years of Palaeolithic investigations in the Megalopolis basin, Greece. *The Palaeolithic and Mesolithic in Greece & the Eastern Mediterranean: data and debates*. University of Manchester, UK, 1-2 June 2023.

3. De Caro, Kuhn, M., Panagopoulou, E., Harvati, K., **Tourloukis**, V. 2023. The technological behavior in the Lower Palaeolithic site of Marathousa 1 (Megalopolis basin, Greece). 13th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 21-23.09.2023, Aarhus.

4. Butiseaca, G.-A., Vasiliev, I., van der Meer, M.T.J., **Tourloukis**, V., Junginger, A., Mulch, A., Karkanas, P., Panagopoulou, E., Harvati, K. 2022. How cold was it at the Marathousa 1 Lower Palaeolithic site (Megalopolis basin, Greece) during the hominin presence? 12th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2022, Tübingen.

5. De Caro, D., **Tourloukis**, V., Thompson, N., Panagopoulou, E., Harvati, K. 2022. Lithic assemblages from Palaeolithic survey research in the Megalopolis Basin, Greece. 12th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2022, Tübingen.

6. Roditi, E., Bocherens, H., Konidaris, G.E., Athanassiou, A., **Tourloukis**, V., Panagopoulou, E., Harvati, K. 2022. The paleoecology of the straight-tusked elephant (*Palaeoloxodon antiquus*) from the Middle Pleistocene locality Marathousa 1 (Greece) inferred from carbon and oxygen stable isotope analysis. 12th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2022, Tübingen.

7. Guibert-Cardin, J., **Tourloukis**, V., Thompson, N., Panagopoulou, E., Harvati, K., Nicoud, E., Beyries, S. 2021. Middle Pleistocene tools and site functions: preliminary traceological analysis of the lithic assemblage from Marathousa 1 (Megalopolis, Greece). 11th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2021, worldwide (online format).

8. Kranis, H., Skourtsos, E., Davis, G., Karkanas, P., **Tourloukis**, V., Panagopoulou, E., Harvati, K. 2020. Switch-on, switch-off: Plio-Quaternary evolution of the Megalopolis Basin (Southern Greece), through structural overprinting, interaction and fault migration. *European Geosciences Union*, 4-8.5.20, Vienna.

9. Bludau, I., Weiss, M., Schnabel, E., Thompson, N., **Tourloukis**, V., Karkanas, P., Panagopoulou, E., Harvati, K., Junginger, A., 2020. Lake level changes and their paleo-climatic implications at the middle Pleistocene excavation of MAR-1, southern Greece. *European Geoscience Union*, 4-8.5.20, Vienna.

10. Konidaris, G.E., **Tourloukis**, V., Harvati, K., 2019. Proboscidea-Homo interactions in open-air localities during the Early and Middle Pleistocene of western Eurasia: a palaeontological and archaeological perspective. *Symposium 'Human-elephant interactions: from past to present'*, 16-18.10.19, Hannover.

11. **Tourloukis**, V., Konidaris, G., Giusti, D., Karkanas, P., Thompson, N., Athanassiou, A., Tsartsidou, G., Panagopoulou, E., Harvati, K., 2018. Small tools, big bones: first results from the Lower Palaeolithic site of Marathousa 1, Megalopolis, Greece. XVIII^e World Congress, *Union Internationale des Sciences Préhistoriques et Protohistoriques (UISPP)*, Session XVI-8, 4-9.06.19, Paris.

12. **Tourloukis**, V., Thompson, N., Panagopoulou, E., Giusti, D., Karkanas, P., Konidaris, G., Harvati, K., 2017. The cultural material from the Lower Palaeolithic site of Marathousa 1, Megalopolis, Greece: preliminary results. *Paleoanthropology Society Annual Meeting*, 28-29.03.17, Vancouver.

13. Harvati, K., Panagopoulou, E., **Tourloukis**, V., Thompson, N., Karkanas, P., Konidaris, G., Athanassiou, A., Tsartsidou, G., Giusti, D., 2017. Marathousa 1: new Lower Paleolithic elephant butchering site from the Megalopolis basin, Greece. 7th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 21-23.09.17, Leiden.
14. Harvati, K., Panagopoulou, E., **Tourloukis**, V., Thompson, N., Karkanas, P., Athanassiou, A., Konidaris, G., Tsartsidou, G., Giusti, D., 2016. New Middle Pleistocene elephant butchering site from Greece. *Paleoanthropology Society Annual Meeting*, 12-13.04.16, Atlanta.
15. Blackwell, B.A.B., Singh, I., GopalKrishna, K., Chen, K.K., Sakhrani, N., **Tourloukis**, V., Karkanas, P., Florentin, J.A., Blickstein, L.I.B., Panagopoulou, E., Harvati, K., Skinner, A., 2016. ESR dating the fossil-bearing layers at the Marathousa 1 site, Megalopolis, Greece. *Paleoanthropology Society Annual Meeting*, 12-13.04.16, Atlanta.
16. **Tourloukis**, V., Karkanas, P. 2016. The geoarchaeology of Palaeolithic sites with terra rossa: research questions and prospects. *1st International Conference on the Archaeology and History of Thesprotia*, Igoumenitsa, December 8-11, Igoumenitsa, Greece.
17. **Tourloukis**, V., Thompson, N., Panagopoulou, E., Giusti, D., Karkanas, P., Konidaris, G., Harvati, K. 2016. The cultural material from the Lower Palaeolithic site of Marathousa 1, Megalopolis, Greece: preliminary results. *Closing Symposium ERC Project "PaGE" (Palaeoanthropology at the Gates of Europe)*, 1-3.12.16, Tübingen.
18. Karkanas, P., **Tourloukis**, V., Thompson, N., Giusti, D., Panagopoulou, E., Harvati, K. 2016. Sedimentology and micromorphology of the Lower Palaeolithic lakeshore site Marathousa 1, Megalopolis basin, Greece. *Closing Symposium ERC Project "PaGE" (Palaeoanthropology at the Gates of Europe)*, 1-3.12.16, Tübingen.
19. Panagopoulou, E., **Tourloukis**, V., Thompson, N., Karkanas, P., Harvati, K. 2016. Marathousa 1: overview of the excavation and preliminary results. *Closing Symposium ERC Project "PaGE" (Palaeoanthropology at the Gates of Europe)*, 1-3.12.16, Tübingen.
20. Thompson, N., **Tourloukis**, V., Panagopoulou, E., Harvati, K., 2016. In search of Pleistocene remains at the Gates of Europe, results from PaGE Project's directed surface survey of Pleistocene sediments in the basin of Megalopolis. *Closing Symposium ERC Project "PaGE" (Palaeoanthropology at the Gates of Europe)*, 1-3.12.16, Tübingen.
21. Muttoni, G., Tourloukis, V., Karkanas, P., Monesi, E., Scardia, E., Panagopoulou, E., Harvati, K. 2016. Magnetostratigraphy of the Pleistocene continental sediments of the Megalopolis Basin, Greece: constraints of the age of the Marathousa-1 archaeological levels. *Closing Symposium ERC Project "PaGE" (Palaeoanthropology at the Gates of Europe)*, 1-3.12.16, Tübingen.
22. Athanassiou, A., **Tourloukis**, V., Thompson, N., Lychounas, A., Panagopoulou, E., Harvati, K. 2016. Hippopotamus (*Artiodactyla*, *Mammalia*) and other vertebrate remains from the Kyparissia-T site, Megalopolis, S. Greece. *Closing Symposium ERC Project "PaGE" (Palaeoanthropology at the Gates of Europe)*, 1-3.12.16, Tübingen.
23. Giusti, D., Konidaris, G., **Tourloukis**, V., Thompson, N., Karkanas, P., Kostopoulos, D., Koufos, G., Panagopoulou, E., Harvati, K. 2016. Beyond maps: patterns of site formation processes at Marathousa 1 (Megalopolis basin) and Tsiotra Vryssi (Mygdonia basin). *Closing Symposium ERC Project "PaGE" (Palaeoanthropology at the Gates of Europe)*, 1-3.12.16, Tübingen.
24. Konidaris, G., Athanassiou, A., **Tourloukis**, V., Thompson, N., Giusti, D., Tsartsidou, G., Karkanas, P., Panagopoulou, E., Harvati, K. 2016. The *Elephas antiquus* skeleton and other large mammals from Marathousa 1 site (Megalopolis Basin, Greece): preliminary results on taxonomy,

biochronology, palaeoecology and taphonomy. *Closing Symposium ERC Project “PaGE”* (Palaeoanthropology at the Gates of Europe), 1-3.12.16, Tübingen.

25. Tsartsidou, G., Risberg, J., Karkanis, P., **Turloukis**, V., Thompson, N., Athanassiou, A., Konidaris, G., Giusti, D., Panagopoulou, E., Harvati, K. 2016. The invisible record of the Marathousa 1 sediments: phytoliths and diatoms. *Closing Symposium ERC Project “PaGE”* (Palaeoanthropology at the Gates of Europe), 1-3.12.16, Tübingen.

26. Blackwell, B., Sakhrani, N., Gopalkrishna, K., Singh, I., **Turloukis**, V., Panagopoulou, E., Karkanis, P., Blickstein, J., Harvati, K., Skinner, A. 2016. Tripling the pleasure: ESR dating of ungulate teeth and molluscs from Marathousa 1, Greece. *Closing Symposium Project “PaGE”* (Palaeoanthropology at the Gates of Europe), 1-3.12.16, Tübingen.

27. Konidaris, G., Kostopoulos, D., Koufos, G., Giusti, D., Thompson, N., **Turloukis**, V., Harvati, K. 2016. A new Early Pleistocene locality with vertebrates from the Mygdonia Basin (Macedonia, Greece): Tsiotra Vryssi. *Closing Symposium ERC Project “PaGE”* (Palaeoanthropology at the Gates of Europe), 1-3.12.16, Tübingen.

28. Koufos, G., Konidaris, G., Kostopoulos, D., Giusti, D., Thompson, N., **Turloukis**, V., Harvati, K. 2016. Revisiting *Ursus etruscus* from Greece with description of new material from the Early Pleistocene locality Tsiotra Vryssi (Mygdonia Basin). *Closing Symposium ERC Project “PaGE”* (Palaeoanthropology at the Gates of Europe), 6-8.12.16, Tübingen.

29. Konidaris, G., Kostopoulos, D., Koufos, G., **Turloukis**, V., Harvati, K., 2016. Tsiotra Vryssi: a new vertebrate locality from the Early Pleistocene of Mygdonia Basin (Macedonia, Greece). XIV Annual Meeting, *European Association of Vertebrate Palaeontologists*, 6-10.07.16, Haarlem.

30. **Turloukis**, V., Karkanis, P. 2015. Earliest radiometric dates for archaeological remains in Greece: the evidence from Kokkinopilos, NW Greece. 84th Annual Meeting, *American Association of Physical Anthropologists*, 25-28.03.15, St. Louis.

31. Harvati, K., **Turloukis**, V. 2015. Paleoanthropology in the Balkans: state of the art and challenges for future. 84th Annual Meeting, *American Association of Physical Anthropologists*, 25-28.03.15, St. Louis.

32. Panagopoulou, E., **Turloukis** V. 2008. The Early Prehistory of Greece: theories, archaeological evidence and new approaches. 2nd *Conference on Prehistoric Archaeology*, 4-7.12.08, University of Thessaly, Volos, Greece.

33. **Turloukis**, V. and Palli, O. 2006. The first Mesolithic site of Thesprotia. *Thesprotian Colloquium*, Finnish Institute at Athens, June 2006, Athens.

34. Palli, O., **Turloukis**, V., 2006. Palaeolithic research in Thesprotia. *Thesprotian Colloquium*, Finnish Institute at Athens, June 2006, Athens.

POSTERS (accepted after review)

1. Guibert-Cardin, J., Lhomme, V., **Turloukis**, V., Nicoud, E., Beyries, S. 2022. From the function to the structure of tools: going backwards in the lithic chaîne opératoire to investigate the diversity of lithic assemblages of the European Lower Palaeolithic. 12th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2022, Tübingen.

2. De Caro, D., **Tourloukis**, V., Thompson, N., Panagopoulou, E., Harvati, K. 2022. Lithic assemblages from Palaeolithic survey research in the Megalopolis Basin, Greece. 12th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2022, Tübingen.
3. Roditi, E., Bocherens, H., Konidaris, G., Athanassiou, A., Tourloukis, V., Panagopoulou, E., Harvati, K. 2022. The paleoecology of the straight-tusked elephant (*Palaeoloxodon antiquus*) from the Middle Pleistocene locality Marathousa 1 (Greece) inferred from carbon and oxygen stable isotope analysis. 12th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2022, Tübingen.
4. Butiseacă, G., Vasiliev, I., van der Meer, M., **Tourloukis**, V., Junginer, A., Mulch, A., Karkanas, P., Panagopoulou, E., Harvati, K. 2022. How cold was it at the Marathousa 1 Lower Palaeolithic site (Megalopolis basin, Greece) during the hominin presence? 12th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2022, Tübingen.
5. Bludau, I., Papadopoulou, P., Iliopoulos, G., Weiss, M., Schnabel, E., Thompson, N., **Tourloukis**, V., Zachow, C., Kyrikou, S., Konidaris, G., Karkanas, P., Panagopoulou, E., Harvati, K., Junginger, A. 2021 [accepted]. Lake level changes at the mid-Pleistocene Marathousa excavation site in southern Greece and their paleo-climatic implications. 11th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2021, worldwide (online format).
6. Guibert-Cardin, J., **Tourloukis**, V., Thompson, N., Panagopoulou, E., Harvati, K., Nicoud, E., Beyries, S. 2021. Middle Pleistocene tools and site functions: preliminary traceological analysis of the lithic assemblage from Marathousa 1 (Megalopolis, Greece) 11th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2021, worldwide (online format).
7. Kunze, J., Karakostis, F., Merker, S., Peresani, M., Hotz, G., **Tourloukis**, V., Harvati, K. 2021. Evidence for habitual tool use in early hominins. mid-Pleistocene Marathousa excavation site in southern Greece and their paleo-climatic implications. 11th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 22-24.09.2021, worldwide (online format).
8. Konidaris, G.E., **Tourloukis**, V. 2020. Early and Middle Pleistocene large carnivore guild of Europe and its role in the evolution of hominin subsistence strategies: an ecomorphological and behavioral approach. 10th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 18-25.09.2020, worldwide (online format).
9. Konidaris, G.E., **Tourloukis**, V., Athanassiou, A., Giusti, D., Thompson, N., Panagopoulou, E., Karkanas, P., Harvati, K., 2019. Marathousa 2: A new Middle Pleistocene locality in Megalopolis Basin (Greece) with evidence of human modifications on faunal remains. 9th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 19-21.09.19, Liège.
10. **Tourloukis** V., Thompson N., Panagopoulou E., Konidaris G., Giusti D., Athanassiou, A., Tsartsidou, G., Karkanas P., Harvati K. 2017. The lithic assemblage and bone tools from the Lower Palaeolithic site of Marathousa 1, Megalopolis, Greece: first results. 7th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 21-23.09.17, Leiden.
11. Giusti, D., **Tourloukis**, V., Konidaris, G., Thompson, N., Karkanas, P., Panagopoulou, E., Harvati, K. 2017. Beyond maps: patterns of formation processes at the Middle Pleistocene open-air site of Marathousa 1, Megalopolis, Greece. 7th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 21-23.09.17, Leiden.
12. Konidaris, G., Athanassiou, A., **Tourloukis**, V., Thompson, N., Giusti, D., Panagopoulou, E., Harvati, K., 2017. The *Elephas (Palaeoloxodon) antiquus* skeleton and other large mammals from the Lower Palaeolithic locality Marathousa 1 (Megalopolis Basin, Greece): preliminary results. 7th Annual Meeting, *European Society for the study of Human Evolution (ESHE)*, 21-23.09.17, Leiden.

13. **Tourloukis**, V., Thompson, N., Garefalakis, Ch., Karkanis, P., Panagopoulou, E., Harvati, K. 2014. New Middle Palaeolithic sites from the Mani peninsula, southern Greece. XVII World Congress, *Union Internationale des Sciences Préhistoriques et Protohistoriques (UISPP)*, 1-7.09.14, Burgos.
14. Panagopoulou, E., Karkanis, P., **Tourloukis**, V., Thompson, N., Garefalakis, Ch., Harvati, K. 2014. New data on the Middle Palaeolithic occupation of Mani, southern Greece. *International Conference on coastal landscapes, mining activities and preservation of cultural heritage*. 17-20.09.14, Milos.
15. Harvati, K., Panagopoulou E., Karkanis P., Frost S.R., Athanassiou, A., Elefanti P., Schrein C., Baab K., Henderson E., **Tourloukis** V., Garefalakis Ch. 2006. New findings of the Aliakmon Paleolithic Survey, Greece, 2004-2005. XV World Congress, *Union Internationale des Sciences Préhistoriques et Protohistoriques (UISPP)*, 4-9.09.06, Lisbon.

INVITED LECTURES

Tourloukis, V., Harvati, K., 2024. Neanderthals and modern humans in Mani: results from the 2023 Apidima field season. *Norwegian Institute at Athens*.

Harvati, K., Tourloukis, V. 2023. Apidima Caves: their significance for human evolution in Europe and new research by the NIA. *Norwegian Institute at Athens*.

Tourloukis, V. 2022. The role of the Greek peninsula in population movements and the early occupation of Eurasia during the Palaeolithic period: theoretical perspectives, interpretative models and new data from recent research. *Archaeology @ Thessaloniki online lectures, Archaeology, Aristotle University of Thessaloniki*, 31.03.2022

Tourloukis, V. 2014. Palaeolithic research in Greece in the framework of the PaGE Project: preliminary results. Invitation: Prof. G. Kourtesi-Philippakis, *Faculty of Archaeology, National and Kapodistrian University of Athens*, Greece, 24.4.2014.

Tourloukis, V. 2014. Geoarchaeological research at the open-air Palaeolithic site of Kokkinopilos, Greece: revisiting a long-lasting controversy. Invitation: Prof. C. Miller, *Institut für Naturwissenschaftliche Archäologie (INA) Kolloquium, Eberhard Karls Universität Tübingen*, 16.01.2014.

Tourloukis, V. 2011. The Lower Palaeolithic record of Greece and the role of the wider Aegean region in early hominin dispersal patterns: new data and interpretations. Invitation: Prof. K. Harvati, *Institut für Naturwissenschaftliche Archäologie (INA) Kolloquium, Eberhard Karls Universität Tübingen*, 20.5.2011.

Tourloukis, V., 2011. The Palaeolithic of Zakynthos: geoarchaeological investigations in the framework of the Zakynthos Archaeology Project. Invitation: Prof. G. J. Van Weijngaarden, *Faculty of Humanities, University of Amsterdam*, 11.02.2011.

ORGANIZATION OF & CHAIRING IN CONFERENCES

Fitch Laboratory Conference *Half a Century of Archaeological Science in Greece: past, present, future*

Chair in Session "Landscape Histories and Environment". 29.11-01.12.2024, British School at Athens, Greece.

Closing Symposium *Human Evolution at the Crossroads*

Chair in Session "Chronology" (dating prehistoric sites). 24-25 February 2022, University of Tübingen, Germany.

8th Conference of Greek Archaeology Students

"The immaterial through materials: religion, magic, ideology and practices". University of Ioannina (Greece), 9-11 October 2020. Chair in Session "The immaterial dimension of stone tools".

Interdisciplinary Symposium *Human-Elephant interactions: from past to present*

Co-organized with Prof. K. Harvati, Prof. R. Barkai, Dr. G. Konidaris., 16-18.10.19, Hannover, Germany.

Interdisciplinary Symposium *Palaeoanthropology at the Gates of Europe*

Co-organized with Prof. K. Harvati, 1-3.12.16, Tübingen, Germany. Chair in Session "Middle Palaeolithic and the Neanderthal lineage".

Interdisciplinary Symposium *Human Evolution in the Southern Balkans*

Co-organized with Prof. K. Harvati, 7-9.12.12, Tübingen, Germany. Discussant in Session "Palaeolithic Archaeology".

SCHOLARSHIPS & GRANTS (third-party funding)

Hellenic Foundation for Research and Innovation, 2023-2025

Funding (149,600€) of the project "*Ice Age hunter-gatherers 30,000-20,000 years ago: investigating the Gravettian period in Greece*"

Deutsche Forschungsgemeinschaft (DFG), 2021-2024

Funding (398,625 €) of the project "*Early Human Adaptations in Megalopolis*"

Volkswagen Foundation Grant for Symposia, 2019

Funding (40,000 €) of the interdisciplinary Symposium "*Human-Elephant interactions: from past to present*", co-organized with Prof. K. Harvati, Prof. R. Barkai, Dr. G. Konidaris.

Wenner-Gren Foundation, Post-doc Research Grant, 2016-17

Funding (19,900 \$) of archaeological research project in Epirus: "*Palaeolithic settlement and land use in a Quaternary refugium: new evidence from Epirus, NW Greece*".

State Scholarships Foundation (Greece), 2005-2008

Scholarship (~750 € / month) awarded after written examinations, for the completion of PhD studies (University of Leiden). Supervisor on behalf of the Foundation: Prof. K. Kotsakis.

Scholarship in the framework of the Erasmus Program, 1998

Seminars in History and Archaeology, Faculty of Philosophy, University of Bielefeld, Germany.

ON-GOING RESEARCH

→ **Excavation of Apidima Cave complex** [2021-2025; Project co-director, field director]

→ Research project “Ice Age hunter-gatherers 30,000-20,000 years ago: investigating the Gravettian period in Greece” [Principal Investigator]

→ **Study of lithic artifacts** from the Palaeolithic sites Marathousa 1, Kyparissia 3, Kyparissia 4, Choremi 7 and Tripotamos 4 (Megalopolis), in collaboration with E. Panagopoulou and N. Thompson (raw materials, typo-technological analysis, *chaîne opératoire*), as well as D. De Caro (lithic technology, experimental knapping). Part of this research is supported by the DFG research grant (2021-2023).

Study of bone artifacts in collaboration with G. Konidaris (paleontology, zooarchaeology).

→ **Development of a chronostratigraphic model: interdisciplinary research group** investigating borehole sediments from a recent drilling project in the Megalopolis basin. The study aims to reconstruct the palaeoenvironment and shed light on the evolution of the Megalopolis paleo-lake, using a multi-proxy approach, which includes examination of micro-fossils (diatoms, ostracods), phytoliths, macro-botanical remains, isotope geochemistry (lake carbonates and ostracods stable isotopes, biomarkers such as leaf waxes), geochemical analyses (XRF scanning, XRD), pollen and radiometric dating.