

Curriculum Vitae

Dr. Gregor Donatus Bader

Date & Place of Birth: 23.04.1988 in Stuttgart

Nationality: German

Institutional Address: Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters. Abteilung für Ältere Urgeschichte und Quartärökologie, Universität Tübingen, Burgsteige 11, 72070 Tübingen.
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Studies and education

July 2025

Habilitation at the Department of Early Prehistory and Quaternary Ecology, University of Tübingen, Germany.
Topic: *Prähistorische Jäger und Sammler im südlichen Afrika. Implikationen zur Entwicklung von Verhaltensmustern während des Spätpleistozäns und Holozäns.*
Submitted in September 2024, accepted in March 2025.
Final oral exam July 2025.

October 2017	<p>Dissertation at the Department of Early Prehistory and Quaternary Ecology, University of Tübingen, Germany. Topic: <i>On the variability of Middle Stone Age lithic technology during MIS3 in KwaZulu-Natal, South Africa.</i> (magna cum laude).</p> <p>Supervisor: Prof. Nicholas J. Conard Prof. Michael Bolus</p>
April 2014 – October 2017	<p>PhD Student at the Department of Early Prehistory and Quaternary Ecology, University of Tübingen, Germany. Topic: <i>On the variability of Middle Stone Age lithic technology during MIS3 in KwaZulu-Natal, South Africa.</i></p>
September 2013	<p>Master of Arts at the Department of Early Prehistory and Quaternary Ecology, University of Tübingen, Germany. Topic: <i>Holley Shelter, Neue Erkenntnisse zur Variabilität des Middle Stone Age im südlichen Afrika.</i></p> <p>Supervisor: Prof. Nicholas J. Conard Prof. Michael Bolus</p>
July 2011	<p>Bachelor of Arts at the Department of Early Prehistory and Quaternary Ecology, University of Tübingen, Germany. Topic: <i>Stratigraphische Befunde aus dem Paläolithikum der Höhle Grotte de la Verpillière I in Germolles (Saône-et-Loire, Frankreich).</i></p> <p>Supervisor: Prof. Harald Floss</p>
June 2008	<p>Final secondary-school examinations (Abitur) at the Kreisgymnasium Riedlingen, Germany. (88499 Riedlingen an der Donau).</p>

Employments

Since March 2025	<p>Researcher at the Department of Early Prehistory and Quaternary Ecology, University of Tübingen via my own DFG research grant entitled "<i>The Phinda Archaeological Project (PAP)</i>" – BA 6479/3-1.</p>
June 2018 – March 2025	<p>Researcher/Collections Curator at the Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen. Burgsteige 11, 72070 Tübingen (Germany)</p>
January 2018 – June 2018	<p>Post-doctoral researcher in the project '<i>Evolving human minds, Behavior and Subsistence during the Middle to Upper Pleistocene in Tanzania</i>' awarded to Dr Pastory M. Bushozi and funded by the Volkswagenstiftung</p>

January 2014 – October 2015	Research assistant (MA-degree) in the ROCEEH-Project (The role of culture in early expansion of humans) of the Heidelberg Academy of Science
May 2012 – December 2013	Research assistant (BA-degree) in the ROCEEH-Project (The role of culture in early expansion of humans) of the Heidelberg Academy of Science
May – October 2011	Student assistant in the DFG-Project ‘ <i>Dosariyah Archaeological Research Project</i> ’ (DARP) of Dr Philipp Drechsler

RESEARCH

Grants

2025 - 2028	<p><i>‘The Phinda Archaeological Project (PAP) – Establishing a regional chrono-cultural and paleoenvironmental sequence for the Middle and Later Stone Age in northern KwaZulu-Natal, South Africa.’</i></p> <p>Funding: DFG, Grant agreement number: BA6479/3-1 446.947 € PI: Dr Gregor Bader</p>
2023 - 2025	<p><i>‘Investigating the relationship between human behavioral change and environmental conditions during the Late Pleistocene in the Interior of KwaZulu-Natal, South Africa.’</i></p> <p>Funding: Fritz Thyssen Foundation, 120.000 € PI: Dr Gregor Bader, Dr Manuel Will</p>
2024	<p>Student visiting scholarship for 3 African students. Funding: Baden-Württemberg Foundation, 18.000 € PI: Dr Gregor Bader</p>
2022 - 2024	<p><i>‘Pigment Procurement Use and Meaning in Prehistoric Eswatini (PIPUMPE).’</i></p> <p>Funding: DFG, Grant agreement number: BA6479/2-4 108.090 € PI: Dr Gregor Bader</p>
2022	<p>Student visiting scholarship for 5 African students. Funding: Baden-Württemberg Foundation, 32.000 € PI: Dr Gregor Bader</p>
2019 - 2021	<p><i>‘The oldest ochre mine in the World? Re-dating the Lion Cavern and provenience analysis of ochre artifacts from the Stone Age of Eswatini.’</i></p> <p>Funding: DFG, Grant agreement number: BA6479/2-1 82.772 € PI: Dr Gregor Bader</p>

2020 Conducting an international workshop entitled: ‘OPUMPA – Ochre Procurement, Use and Meaning in Prehistoric Africa.’
Funding: Erika & Walter Datz Grant
5.000 €
PI: Dr Gregor Bader

Collaboration partner

Since 2024 *Networks of Ochre Provisioning and Artistic Expressions in Pleistocene and Holocene Contexts.*
NSF Early Career Development (CAREER) Program
PI: B. MacDonald

Since 2024 *Late Holocene Hunter-gatherer Archaeology and Pastoral Interactions at the Eyasi Basin, Tanzania.*
Funding: DAAD, PhD scholarship
PI: L. Felician

Since 2023 *Geogenomic Archaeology Campus Tübingen (GACT) – Leibniz ScienceCampus Tübingen.*
Funding: Leibniz Gemeinschaft, Baden-Württemberg Ministerium für Wissenschaft, Forschung und Kunst.
PI: Junior Prof. C. Posth, Dr S. Mentzer, Prof. C. Miller, Prof. N. Conard

Since 2022 *The MileStone Age.*
Funding: French National Research Agency (AAPG2021).
PI: Dr C. Tribolo, Dr G. Porraz

Since 2022 *Unravelling the Late Pleistocene and Holocene in the Ghaap Escarpment, South Africa.*
PI: Dr S. Rhodes

Since 2021 *Landscape use, niche construction and cultural evolution of early Homo sapiens in KwaZulu-Natal, South Africa.*
Funding: DFG, Grant agreement number: 467042592.
PI: Dr M. Will

Ongoing Projects

Since 2025 *The Phinda Archaeological Project (PAP) – Establishing a regional chrono-cultural and palaeoenvironmental sequence for the Middle and Later Stone Age in northern KwaZulu-Natal, South Africa.*
Survey and excavations in Phinda and Zuka Private Game Reserve, South Africa.

Since 2022 *Investigating the late Pleistocene Archaeology and Palaeoenvironmental context at Holley Shelter, South Africa.*

	Excavations and interdisciplinary analysis of Holley Shelter archaeological material.
Since 2022	<i>Multi-disciplinary investigations of Rock Art in Eswatini and Mozambique.</i> Documentation of Rock Art. Provenance tracing and compositional analysis of paint.
Since 2021	<i>From the Stone Age into Modern Times – Exploring changing human behavior and land use patterns in the Mqwayiza Valley, Eswatini.</i> Geochemical Provenance Tracing of lithic raw materials and survey for Stone Age, farming and historic sites.
Since 2018	<i>Contextualizing the legacy archaeological material from Eswatini with new state of the art excavations and archaeometric analyses.</i> Collection curation at the Eswatini National Museum. Redating archaeological sites, new excavations and archaeometric analysis.
Since 2016	<i>Decoding the contact period between hunter-gatherers and farmers in southern Africa.</i> Mapping farming and hunter-gatherer sites in Eswatini and Mozambique. Geophysical surveys and new excavations.
Since 2016	<i>Understanding the Middle to Later Stone Age transition in the eastern part of southern Africa.</i> Contextualizing old collections with new excavations and dating methods.

Past Projects

2021	<i>New excavations at the Barnberghöhle, Germany.</i>
2020	<i>Identifying new archaeological sites in the Ermstal, Swabian Jura, Germany.</i> Excavations at Hofsteigfels and Schachtfels.
2017-2020	<i>Investigating the Late Pleistocene Later Stone Age archaeological material from Iron Pig Shelter, South Africa.</i> Excavation and the study of a newly identified LSA and farming site in the Doornkop Nature Reserve.
2016-2020	<i>New excavations at the MSA-LSA site of Umbeli Belli, KwaZulu-Natal, South Africa.</i>

Scholarships

October 2015 – October 2017

Doctoral dissertation grant in the research project '*The Evolution of Modern Human Behavior*' under the state of Baden-Württemberg (Landesgraduier­tenförderungs­gesetz).

July 2014

PAA student travel grant for the participation at the '*14th Congress of the Pan African Archaeological Association of Prehistory and Related Studies scientific program*' in Johannesburg, South Africa.

Publications

Published peer review articles

2024

MacDonald, B., Velliky, E., Forrester, R., Riedesel, S., Linstädter, J., Kuo, Al., Woodborne, S., Mabuza, A., **Bader, G.D.**, 2024. Ochre Communities of Practice in Stone Age Eswatini. *Nature Communications*, 15:9201. <https://doi.org/10.1038/s41467-024-53050-6>

Moos, E.T., **Bader, G.D.**, Will, M., 2024. Experimental Investigation of Knapping Characteristics of Dolerite and Implications for the Interpretation of Middle Stone Age Technologies. *Lithic Technology*, 1–19. <https://doi.org/10.1080/01977261.2024.2388964>

Tribolo, C., Conard, N.J., Blessing, M., **Bader, G.D.**, 2024. An updated chronology for Umbeli Belli and its implications for the Middle and Later Stone Ages. *South African Journal of Science*, 120(7/8). <https://doi.org/10.17159/sajs.2024/16799>

Bader, G.D., Val, A., Gevers, E., Rhodes, S.E., Stahl, N., Woodborne, S., Will, M. 2024. Behind the waterfall - Interdisciplinary results from Holley Shelter and their implications for understanding human behavioral patterns at the end of the Middle Stone Age in southern Africa, *Quaternary Science Reviews*, 331, 108633. <https://doi.org/10.1016/j.quascirev.2024.108633>

2023

Blessing, M., Conard, N.J., **Bader, G.D.**, 2023. Cultural developments between the final MSA and the Robberg at Umbeli Belli, KwaZulu-Natal, South Africa. *Journal of Paleolithic Archaeology* 6. <https://doi.org/10.1007/s41982-023-00161-z>

Zastrow J., Affinito, S., **Bader, G. D.**, Mentzer, S. M. 2023 Twelfth annual meeting of the European Society for the Study of Human Evolution. *Evolutionary Anthropology*, 1-3. <https://doi.org/10.1002/evan.21973>

2022

Bader, G. D. and Will, M. 2022. 70 Years Later – New research at Holley Shelter, a Middle and Later Stone Age Site in KwaZulu-Natal, South Africa. *South African Journal of Science*, 118(11/12).
<https://doi.org/10.17159/sajs.2022/14069>

Bader, G. D., Mabuza, A., Price Williams, D., Will, M. 2022. Rethinking the Middle to Later Stone Age transition in southern Africa. A perspective from the highveld of Eswatini. *Quaternary Science Reviews*, 286, 107540.
<https://doi.org/10.1016/j.quascirev.2022.107540>

Bader, G. D., Wadley, L., Sommer, C., Conard, N. J., 2022. The final MSA of eastern South Africa, a comparative study between Umbeli Belli and Sibhudu. *Azania: Archaeological Research in Africa*, 57(2), 197–238.
<https://doi.org/10.1080/0067270X.2022.2078553>

Will, M., **Bader G. D.**, Sommer, C., Cooper, A., Green, A. 2022. Coastal adaptations on the eastern seaboard of South Africa during the Pleistocene and Holocene? Current evidence and future perspectives from archaeology and marine geology. *Frontiers in Earth Science*, 10:964423.
<https://doi.org/10.3389/feart.2022.964423>

Blessing, M.A., Conard, N.J., **Bader, G.D.**, 2022. Investigating the MIS2 Microlithic Assemblage of Umbeli Belli Rockshelter and Its Place Within the Chrono-cultural Sequence of the LSA Along the East Coast of Southern Africa. *African Archaeological Review*. 40, 145–167.
<https://doi.org/10.1007/s10437-022-09497-3>

2021

Bader, G. D., Forrester, B., Ehlers, L., Velliky, E., MacDonald, B.L., Linstädter, J., 2021. The forgotten kingdom. New investigations in the prehistory of Eswatini. *Journal of Global Archaeology*, 1-8.
<https://doi.org/10.34780/7510-t906>

Bader, G. D., Bushozi, P., Will, M., Schmid, V., Val, A., Blessing, M., Schmidt, P., Conard, N., 2021. Investigating the 1930s Kohl-Larsen collection from the Lake Eyasi Basin, Tanzania. *Mitteilungen der Gesellschaft für Urgeschichte*, 29, 93-103.
<https://doi.org/10.51315/mgfu.2020.29005>

2020

Bader, G. D., Linstädter, J., Schoeman, M. H., 2020. Uncovering the Late Pleistocene LSA of Mpumalanga Province, South Africa: Early results from Iron Pig Rock Shelter. *Journal of African Archaeology*, 18, 1-19.
<http://dx.doi.org/10.1163/21915784-20200003>

- 2018 **Bader, G. D.**, Tribolo, C., Conard, N. J., 2018. A return to Umbeli Belli: New insights of recent excavations and implications for the final MSA of eastern South Africa. *Journal of Archaeological Science: Reports*, 21, 733-757. <https://doi.org/10.1016/j.jasrep.2018.08.043>
- 2017 **Bader, G. D.** and Will, M., 2017. Recent research on the MSA in KwaZulu-Natal, South Africa. *Mitteilungen der Gesellschaft für Urgeschichte*, 26, 79-108.
- 2016 **Bader, G. D.**, Cable, C., Lentfer, C. Conard, N. J., 2016. Umbeli Belli Rock shelter, A forgotten piece from the puzzle of the Middle Stone Age in KwaZulu-Natal, South Africa. *Journal of Archaeological Science: Reports*, 9, 608-622. <https://doi.org/10.1016/j.jasrep.2016.08.038>
- 2015 **Bader, G. D.**, Will, M., Conard, N. J., 2015. The lithic technology of Holley Shelter, KwaZulu-Natal, and its place within the MSA of southern Africa. *The South African Archaeological Bulletin*, 70, 202; 149-165.
- 2014 Conard, N. J., **Bader, G. D.**, Schmid, V. C., & Will, M., 2014. Bringing the Middle Stone Age into Clearer Focus. *Mitteilungen der Gesellschaft für Urgeschichte*, 23, 121-127.
- Will, M., **Bader, G. D.**, Conard, N. J., 2014. Characterizing the Late Pleistocene MSA Lithic Technology of Sibudu, KwaZulu-Natal, South Africa. *PLoS ONE*, 9(5): e98359. <https://doi.org/10.1371/journal.pone.0098359>

Peer reviewed book
chapters in edited volumes
– **invited as contributor**

- 2023 **Bader, G. D.** & Conard, N. J., 2023. Holley Shelter. In: Willkins, J., Beyin, A. Wright, D., Bouzouggar, A. Olszewski, D. (eds.), *Handbook of Pleistocene Archaeology of Africa: Hominin Behavior, Geography, and Chronology*. Springer (Cham). <https://doi.org/10.1007/978-3-031-20290-2>
- Bader, G. D.**, Linstädter, J., Schoeman, A., 2023. Iron Pig. In: Willkins, J., Beyin, A. Wright, D., Bouzouggar, A. Olszewski, D. (eds.), *Handbook of Pleistocene Archaeology of Africa: Hominin Behavior, Geography, and Chronology*. Springer (Cham). <https://doi.org/10.1007/978-3-031-20290-2>

Bader, G. D. & Conard, N. J., 2023. Umbeli Belli, In: Willkins, J., Beyin, A. Wright, D., Bouzouggar, A. Olszewski, D. (eds.), Handbook of Pleistocene Archaeology of Africa: Hominin Behavior, Geography, and Chronology. Springer (Cham).
<https://doi.org/10.1007/978-3-031-20290-2>

2022 **Bader, G. D.**, Schmid, V., Kandel, A. W. 2022. The Middle Stone Age of South Africa. Oxford Research Encyclopedia of Anthropology. Oxford University Press (Oxford).
<https://doi.org/10.1093/acrefore/9780190854584.013.251>

Published field reports

2021 Wolf, S., **Bader, G. D.**, Will, M. 2021. Neue Ausgrabungen an der Barnberghöhle bei Neuffen. *AABW 2021*, 92-94.

2020 Will, M. & **Bader, G. D.** 2020. Neue Grabungen zur Erforschung des Paläolithikums im Ermstal. *AABW 2020*, 82-84.

Review activities for Journals

African Archaeological Review
 Archaeological and Anthropological Sciences
 Frontiers in Ecology and Evolution
 Frontiers in Earth Science
 Journal of African Archaeology
 Journal of Archaeological Science: Reports
 Journal of Paleolithic Archaeology
 Lithic Technology
 Southern African Field Archaeology
 Quaternary Science Advances
 Quaternary Science Reviews
 Plos One

Organisations

DFG (German Research Foundation)
 Leakey foundation
 National Science Centre (NSC) Poland
 NRF South Africa (National Research Foundation)
 UNESCO

Workshops (exemplary)

November 2024 *TransArea Network Africa (TANA)* in Rabat, Morocco.
 Organised by Linstädter, J. and von Rummel, P.

Oral presentation
Bader et al., *Recent research in the Middle Stone Age of southern Africa.*

- April 2024 *ISAfrica Workshop* at Florisbad, South Africa.
Organised by Porraz, G. and Archer, W.
- November 2023 *TransArea Network Africa (TANA)* in Gotha, Germany.
Organised by Linstädter, J. and von Rummel, P.
- Oral presentation
Bader et al., *Archäologie und Kulturerhalt in Eswatini*.
- April 2022 1st international workshop of *Ochre Procurement, Use and Meaning in Prehistoric Africa (OPUMPA)* in Eswatini.
Organised by **Bader, G.D.**
- Oral presentation
Bader, G.D. and Linstädter, J., *Over 60 years of archaeological research in Eswatini – Old paths and new perspectives*
- September 2014 *Contextualizing technological change and cultural evolution in the MSA of Southern Africa* in Tübingen, Germany.
Organised by Conard, N., Will, M., **Bader, G.D.**
- Oral presentation
Bader et al., *Holley Shelter, regional signatures in the MSA of KwaZulu-Natal*
- Conferences (exemplary)**
- July 2025 **Bader, G.D. et al.** *Behavioral transitions during the late Pleistocene in the east of southern Africa.*
Society for Africanist Archaeologists (SAfA) in Faro, Portugal.
Accepted symposium and talk
- June 2023 **Bader, G.D.**, Mabuza, A., Price-Williams, D., Will, M., Conard, N.J. *On the persistence of Middle Stone Age technologies to 30.000 and beyond.*
Society for Africanist Archaeologists (SAfA) in Houston, Texas, US.
Accepted symposium and talk
- September 2022 **Bader, G.D.**, Riedesel, S., Velliky, E., Linstädter, J., MacDonald, B. *The oldest ochre mine in the world – new ages for the Lion Cavern in Eswatini and implications for human behavioral evolution during the Middle Stone Age in southern Africa.*
12th annual ESHE conference in Tübingen, Germany.
Accepted talk

- August 2022 **Bader, G.D.**, Mabuza, A., Price Williams, D., Will, M., *Rethinking the MSA/LSA transition in southern Africa – A perspective from the highveld of Eswatini.*
16th Congress of the PanAfrican Archaeological Association of Prehistory and Related Studies (PANAFA) in Zanzibar.
Accepted symposium and talk
- September 2021 **Bader, G.D.**, Will, M., Mabuza, A., Forester, B., MacDonald, B., Velliky, E., Linstädter, J., *Revisting Sibebe Rock Shelter in Eswatini. New insights on the nature and timing of the final MSA in southern Africa.*
UISPP, XIX conference, online.
Accepted talk
- August 2021 MacDonald, B. L., Velliky, E. C., Linstädter, J., Ehlers, L., **Bader, G.D.**, *Ochre provenance in Eswatini: Geochemical insights on MSA LSA ochre procurement.*
24th Biennial Meeting of the Society of Africanist Archaeologists (SAfA), Online.
Accepted talk
- Velliky, E. C., MacDonald, B. L., Linstädter, J., Ehlers, L., **Bader, G.D.**, *Archaeological, archaeometric and ethnographic perspectives on ochre behaviours in Eswatini.*
24th Biennial Meeting of the Society of Africanist Archaeologists (SAfA), Online.
Accepted talk
- April 2021 **Bader et al.**, *Regional perspective on the final MSA in KwaZulu-Natal, South Africa.*
58th annual meeting of the Society for American Archaeology (SAA), Online.
Accepted talk
- June 2020 **Bader et al.**, *The final MSA of KwaZulu-Natal. Umbeli Belli in its regional context.*
Conference 'Cultural dynamics of the Middle Stone Age in coastal and interior contexts of southern Africa' in Tübingen.
Accepted talk
- May 2019 Sommer et al. 2019., *Prediction of palaeolithic sites in KwaZulu-Natal, South Africa using remote sensing, digital landscape analysis and statistical classification.*
Computer Applications in Archaeology Conference in Kraków.
Accepted talk
- December 2018 **Bader et al.**, *Preliminary results on the late Pleistocene occupation of Iron Pig Rock Shelter in Mpumalanga, South Africa.*
Meetings of Modern Air and African Prehistory conference in Paris, France.
Accepted talk

- June 2018 *Bader et al., Umbeli Belli and its significance for the final MSA of southern Africa.*
UISPP, XVIII conference in Paris, France.
Accepted talk
- July 2016 *Bader et al., Umbeli Belli Rock Shelter in KwaZulu-Natal and its implications for our understanding of lithic technology and raw material economy during the MSA.*
23rd Biennial Meeting of the Society of Africanist Archaeologists (SAfA) in Toulouse, France.
Accepted talk
- Bader et al., Implications of spatial and temporal variation in point technology in KwaZulu-Natal during the MSA.*
23rd Biennial Meeting of the Society of Africanist Archaeologists (SAfA) in Toulouse, France.
Accepted poster
- September 2015 *Bader et al., The Middle Stone Age lithic assemblages of Umbeli belli Rock Shelter in KwaZulu-Natal, South Africa.*
5th annual meeting of the European Society for the study of Human Evolution (ESHE) in London, Great Britain.
Accepted poster
- July 2015 *Bader et al., Change and Continuity in the organization of lithic technology during the later Middle Stone Age of KwaZulu-Natal (South Africa).*
ROCEEH 'Expansions' conference in Frankfurt, Germany.
Accepted talk
- July 2014 *Bader et al., Holley Shelter, New results on the variability of the South African Middle Stone Age.*
14th Congress of the Pan African Archaeological Association of Prehistory and Related Studies scientific program in Johannesburg, South Africa.
Accepted talk
- September 2013 *Bader et al., Holley Shelter - How an old excavation contributes to our understanding of behavioral variability within the MSA.*
3rd annual meeting of the European society for the study of human evolution (ESHE) in Vienna, Austria.
Accepted poster
- Invited talks (exemplary)**
- October 2024 *Changing human behaviour and seasonality during the Middle Stone Age at Holley Shelter, South Africa.*
8th Fountainhill's research symposium, Wartburg, South Africa.

September 2024	<i>How far would you go? Decoding hunter-gatherer mobility in the Middle and Later Stone Age of Eswatini.</i> University of Johannesburg, South Africa.
October 2023	<i>Behind the waterfall – new results on the 2022 to 2024 excavations at the Middle Stone Age site Holley Shelter.</i> 7 th Fountainhill's research symposium, Wartburg, South Africa.
October 2022	<i>70 years later. New excavations at Holley Shelter.</i> 6 th Fountainhill's research symposium, Wartburg, South Africa.
October 2021	<i>New archaeological research at the Middle Stone Age site Holley Shelter on Fountainhill Estate.</i> 5 th Fountainhill's research symposium, Wartburg, South Africa.
July 2021	<i>Das Blut der Erde. Neue Forschungen zur Gewinnung, Verwendung und Bedeutung roter Farbe während der Steinzeit in Afrika.</i> University of Cologne, Germany.
April 2018	<i>The MSA of southern Africa.</i> University of Eswatini, Eswatini.
March 2018	<i>The lithic technology of the final MSA assemblages from Umbeli Belli, KwaZulu-Natal.</i> University of Witwatersrand, South Africa.
June 2017	<i>It's all about shape, point morphology and diagnostic features of the final MSA at Umbeli Belli, KwaZulu-Natal.</i> Department of Early Prehistory and Quaternary ecology, University of Tübingen, Germany.
July 2016	<i>Umbeli Belli Rock Shelter in KwaZulu-Natal, South Africa. Current results from the Tübingen excavation in 2016.</i> Department of Early Prehistory and Quaternary ecology, University of Tübingen, Germany.
June 2016	<i>The Middle Stone Age of KwaZulu-Natal, New insights from Holley Shelter, Sibudu and Umbeli Belli.</i> Ruhr University in Bochum, Germany.

Popular science and outreach (exemplary)

October 2024	<i>The cultural significance of the Mgwyiza valley in Malolotja Nature Reserve.</i> Natural History Society, Eswatini. Educational talk
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September 2023	<i>Hunter-gatherers in southern Africa 40.000 years ago.</i> Natural History Society, Eswatini. Educational talk
February 2023	<i>The trail of the red rust that leads to the beginning of human culture,</i> Daily Maverick, February 2023. Newspaper article
November 2022	<i>Over 60 years of archaeological research in Eswatini. Old paths and new perspectives.</i> Natural History Society, Eswatini. Educational talk
2022	Bader, G. D., MacDonald, B., Velliky, E., Forrester, B., Linstädter, J., 2022. <i>Älteste Ockermine der Welt? Lion Cavern im Süden Afrikas.</i> Archäologie in Deutschland – Weltweit 3, 2022. Popular scientific publication
April 2021	<i>New Stone Age research in the Kingdom of Eswatini</i> at Waterford High School, Mbabane, Eswatini. Educational talk
August 2020	<i>Auf den Spuren der Steinzeit im Ermstal.</i> 21.08.2020 at Südwestdeutscher Rundfunk (SWR). TV-Interview
	<i>Ausgrabungen in der Schachtfelshöhle.</i> 23.08.2020 at Regio TV (RTF1). TV-Interview
February 2020	<i>Hunter-Gatherers in southern Africa 34.000 years ago. New results from excavations at Umbeli Belli KwaZulu-Natal.</i> PROBUS, Drakensberg, South Africa. Educational talk
2020	<i>Eswatini. Das vergessene Königreich und seine Bedeutung für die Steinzeitforschung im südlichen Afrika.</i> Museum of the University of Tübingen, Germany. Public lecture series
2019	<i>Tübinger Urgeschichtsforschung im südlichen Afrika.</i> Museum of the University of Tübingen, Germany. Public lecture series
	<i>Archaeological research at the Middle Stone Age site Umbeli Belli, KwaZulu-Natal.</i> Rotary Society Scottburgh, South Africa. Oral presentation
2016	Bader et al., <i>Umbeli Belli, a forgotten piece from the Stone Age of KwaZulu-Natal.</i> Durban Archaeological Society in Durban, South Africa. Oral presentation

2015	Bader et al., <i>Sibudu, Cultural heritage and a site of great significance for the understanding of human evolution</i> . Pelham Highschool in Pietermaritzburg, South Africa. Educational talk
Fieldwork	
September 2025	Excavation at Khabane Cave , Eswatini (MSA, LSA, Iron Age) Director: Dr G.D. Bader
August 2025	Excavation at Crowned Eagle Shelter , Zuka Private Game Reserve, South Africa (MSA, LSA, Iron Age) Director: Dr G.D. Bader
April 2024 April 2023	Excavation at Muti Muti Shelter , Eswatini (Iron Age, LSA) Director: Dr G.D. Bader, Dr J. Linstädter
February 2024 February 2023 February 2022	Excavation at Holley Shelter , South Africa (MSA) Director: Dr G.D. Bader, Dr M. Will
August 2022	Excavation at Njarasa Cave , Tanzania (MSA, LSA) Field director: Dr G.D. Bader, Dr P. Bushozi, Prof. N. Conard
September 2021	Excavation at Barnberghöhle , Germany (Neolithic) Director: Dr G.D. Bader
August 2020	Excavation at Schachtfels and Hofsteigefels , Germany (Medieval) Director: Dr G.D. Bader, Dr M. Will
January – March 2020 January – April 2019 January – March 2018 February – March 2017 January – February 2016	Excavation at Umbeli Belli , South Africa (MSA, LSA) Director: Dr G.D. Bader
October 2019	Survey and test excavation at Lion Cavern , Eswatini (MSA, LSA) Director: Dr G.D. Bader, Dr J. Linstädter
August 2022 August 2019 August – September 2018	Excavation at Mumba Cave , Tanzania (MSA, LSA) Field director: Dr G.D. Bader, Dr P. Bushozi, Prof. N. Conard
July – August 2018	Archaeological Survey in Eswatini and Mozambique Director: Dr J. Linstädter

December 2017 August 2017	Excavation at Iron Pig Shelter , South Africa (LSA, IA) Director: Dr J. Linstädter, Prof. A. Schoeman, Dr G.D. Bader
February – May 2015 February – April 2014 February – April 2013 February – April 2012	Excavation at Sibhudu Cave , South Africa (MSA) Director: Prof. N. Conard
July – August 2015	Excavation at Kohlhau Abri , Germany (Mesolithic and Neolithic) Director: Prof. J. Kind, T. Beutelsbacher
July – August 2014	Excavation at Frauenfels , Germany (Neolithic) Director: Prof. J. Kind, T. Beutelsbacher
June – August 2012	Excavation at Hohlenstein-Stadel , Germany (Middle and Upper Palaeolithic) Director: Prof. J. Kind, T. Beutelsbacher
September 2011	Excavation at Krems-Wachtberg , Austria (Upper Palaeolithic) Director: Prof. C. Neugebauer-Maresch, Dr T. Einwögerer
February – March 2011 February – April 2010	Excavation at Dosariyah , Saudi Arabia (Middle Neolithic) Director: Dr P. Drechsler
July – September 2010 August – September 2009	Excavation at the Grotte de la Verpillière I & II , France (Middle and Upper Palaeolithic) Director: Prof. H. Floss
October 2009 August 2009	Water screening, sorting of sediments from Vogelherd Cave , Germany (Upper Palaeolithic) Director: Prof. N. Conard

TEACHING

Courses	All at the University of Tübingen
2025	Paläolithikum und Mesolithikum Lecture (UFG-BA-03-1)
2023-2024	Introduction to Stone Age Archaeology Lecture (ASHE-3f – MA)
2020-2024	Wissenschaftliches Schreiben Seminar/Lecture (UFG BA14.1)
2021-2023	Middle and Later Stone Age in Africa Seminar (ASHE-8f)

2021-2024	<i>Grabung Ermstal</i> <i>Excavation Holley Shelter</i> <i>Excavation Muti Muti</i> Practical (ASHE 11)
2020-2021	<i>From East to South</i> Seminar/Lecture (UFG-MA-02, NWA-14-1)
2018-2020	<i>Stone Age Africa</i> Seminar/Lecture (UFG BA13.1, UFG BQ-C)

Supervision

2025	One PhD student and one MA student at the University of Tübingen.
2024	Two MSc and one MA thesis at the University of Tübingen.
2022	Two BA thesis at the University of Tübingen.

Committee

2024	Member of final seminar committee, PhD candidate at Uppsala University.
2023	Member of opposition committee, PhD candidate at Leiden University.

Mentoring and Training

2023 - 2024	Training in Lithic technology of one PhD candidate at the Uppsala University, Sweden.
2022	Training in Lithic technology for two students from the University of Dar es Salaam.

MEMBERSHIP

Since 2023	Swazi Archaeological Research Association (SARA) <i>Founding Member</i>
Since 2022	European Society for the Study of Human Evolution (ESHE)
Since 2014	SAfA (Society of Africanist Archaeologists)
Since 2011	GFU (Gesellschaft für Urgeschichte e.V.)

ADMINISTRATION

Since 2024	Departmental coordinator for Erasmus
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Since 2022	Co-administration of the Master in Palaeolithic Archaeology (CIVIS; ART-W) and fundraising for African students.
Since 2018	Coordination and acquisition of technical equipment for the Material Culture Laboratory, Department of Early Prehistory and Quaternary Ecology, University of Tübingen, Germany.
2018 - 2025	Curation of the Archaeological Collection at the Department of Early Prehistory and Quaternary Ecology, University of Tübingen, Germany.

FURTHER SKILLS

Languages

- German (Native speaker)
- English (Advanced-proficient)
- French (Basic)
- Latin (proficiency certificate)

Technical skills

- 3D Scanning (Artec Spider/Micro)
- 3D Structure from motion (Agisoft Metashape)
- High Speed Camera recording (Photron)
- 3D printer (Formlabs)
- Adobe Photoshop and Illustrator
- Microsoft Office (Access, Excel, Word, Power point)
- QGIS
- PAST
- ImageJ
- Windows EDM
- Drawing of lithic artifacts
- Artefact photography
- Leica, theodolite
- Windows EDM (data collection program for use with electronic theodolites and total stations by H. L. Dibble and P. S. McPherron)