

Personal information

Kamil Łukasz Nowak

31.01.1989; Wałbrzych (Poland)

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Current position

2025 – 2026 Seal of Excellence Post Doctoral Fellowships @OeAW 2024, Postdoctoral Fellow,
Austrian Archaeological Institute, Austrian Academy of Sciences (01/01/2025-31/12/2026).

Education

01.10.2015 – 30.06.2021 Doctoral studies, Institute of Archaeology, University of Wrocław, Wrocław,
Poland

Dissertation: *Organizacja produkcji metalurgicznej na wybranym obszarze Europy Środkowej w czasach pól popielnicowych (Organization of metallurgical production in a selected area of Central Europe in the times of Urnfields)*. Passed with high distinction

Supervisors: Dr. hab. Justyna Baron, Prof. UWrocław. Assistant supervisor: Dr. hab. Beata Miazga, Prof. UWrocław

01.10.2011 – 30.09.2013 (diploma 04.03.2015) Master studies, Institute of Archaeology, University of Wrocław, Wrocław, Poland

Master thesis: *Cmentarzysko kultury lużyckiej przy ul. Spokojnej w Legnicy (The Lusatian culture cemetery at Spokojna Street in Legnica)*

Supervisor: Dr. hab. Irena Lasak, Prof. UWrocław

01.10.2007 – 30.06.2011 Bachelor studies, Institute of Archaeology, University of Wrocław, Wrocław, Poland

Bachelor thesis: *Gospodarka kultury unietyckiej w świetle najnowszych badań (The economy of the Unetice culture in the light of the latest research)*

Supervisor: Dr. hab. Irena Lasak, Prof. UWrocław

Scientific interests

- Bronze Age and Early Iron Age
- Urnfield cultures
- Metallurgy of copper and its alloys
- Metal provenance
- Interregional contacts
- Typological and chronological studies

- Manufacture and use-wear traces of the metalwork

Research grants

Principal investigator

1. 01.01.2025-31.12.2026. Seal of Excellence Post Doctoral Fellowships @OeAW 2024, Austrian Archaeological Institute, Austrian Academy of Sciences. Research project: *Metallurgy – Technology – Exchange. Looking for interconnectivity and shape-based metal economy in the Late Bronze Age.*
2. 05.11.2021 – 04.11.2024. Sonata 5, National Science Centre, Poland (NCN). Research project: *The casting production technology and the origin of the metallic raw materials in the Late Bronze Age and the Early Iron Age. Characteristics of selected metallurgical regions in Poland* (UMO-2021/40/C/HS3/00097). Postdoctoral researcher. Institute of Archaeology, Faculty of History, Nicolaus Copernicus University in Toruń.
3. 26.07.2018 – 25.01.2022. Preludium 14, NCN. Research project *Organization of metallurgical production in the Late Bronze Age and the Early Iron Age in Poland* (UMO-2017/27/N/HS3/01097).
4. Integrated Platform for the European Research Infrastructure ON Cultural Heritage 2019 (IPERION CH), Horizon 2020. Project "*The Axes from the North. Archaeometallurgical Characterization of Bronze Age Disc Butted Axes from Poland (BAXES)*" (BRR_ 574_IP). In cooperation with János Gábor Tarbay (National Museum Budapest), Boglárka Maróti (Budapest Neutron Centre), Arkadiusz Muła (Regional Museum Jawor), Piotr Kotowicz (Historical Museum Sanok), and Beata Badura (Upper Silesia Museum in Bytom). April 2019.
5. E-RIHS.pl (Polish Distributed Research Infrastructure for Heritage Science) MOLAB/FIXLAB PL (6th edition). Project „*Sierp w oprawie drewnianej z Żuławki Małej. Technologia produkcji narzędzi rolniczych w epoce brązu (A sickle in a wooden handle from Żuławka Mała. The technology of production of agricultural tools in the Bronze Age)*”, 2022. In cooperation with Jarosław Rola (the Regional Museum in Piła), Barbara Wagner (Interdisciplinary Laboratory for Archemoetric Research, University of Warsaw), Aldona Garbacz-Klempka (AGH University of Krakow), Eryk Bunsch (Warsaw University of Technology).
6. E-RIHS.pl (Polish Distributed Research Infrastructure for Heritage Science) MOLAB/FIXLAB PL (8th edition). Project: “*Nie wszystko złoto, co się świeci? Badania archeometryczne ozdób pochodzących z kontekstów sepulkralnych*” (*All That Glitters Is Not Gold? Archaeometric Studies of Ornaments from Funeral Contexts*), 2024. In cooperation with Barbara Wagner (Interdisciplinary Laboratory for Archemoetric Research, University of Warsaw), Aldona Garbacz-Klempka (AGH University of Krakow).

Project participant

1. Opus 21, NCN. Grant, *A Biography of Late Bronze and Early Iron Ages Hoards. A Multi-Faceted Analysis of Metal Objects Related to Monumental Constructions in Poland* (UMO-2021/41/B/HS3/00038). PI – Marcin Maciejewski, University of Maria Curie-Skłodowska in Lublin, 21.01.2022 – 20.01.2025.

2. Opus 12, NCN. Project *Community, identity, ritual. Interdisciplinary research pattern in studies on cremation cemeteries of the Lusatian culture communities* (UMO-2016/23/B/HS3/00450), 2017-2020. PI – Justyna Baron, University of Wrocław. 25.07.2017 – 24.01.2022.

3-9. Co-preparation and participation in seven research projects funded by the National Institute of Cultural Heritage (NID) under the Cultural Heritage program (priority: Protection of archaeological heritage), years 2016-2024. My tasks: use-wear, typological, and chronological analysis, archaeological experiment:

- *Birytualne cmentarzysko z epoki brązu i wczesnej epoki żelaza odkryte w Opolu-Groszowicach* (02232/23). Fundacja Przyjaciół IAiE PAN, PI T. Purowski;

- *Cmentarzysko z epoki brązu w Domasławiu 10/11/12 i Chrzanowie 4. Monografia, tom 4 – Synteza i analizy specjalistyczne* (07709/24). Fundacja Nauki Archaeologia Silesiae, PI A. Józefowska-Domańska.

- *Interdyscyplinarne studium skarbów przedmiotów metalowych z epoki brązu i wczesnej epoki żelaza z okolic Sanoka* (05579/21). Historical Museum in Sanok, PI P. Kotowicz;

- *Czernikowice, stan. 2 oraz 4. Opracowanie i publikacja materiałów z cmentarzysk z epoki brązu i wczesnej epoki żelaza* (03686/19). Copper Museum in Legnica, PI T. Stolarczyk;

- *Wieloaspektowa analiza zjawiska deponowania przedmiotów metalowych w epoce brązu na przykładzie skarbów z Karmina* (3469/18/). Institute of Archaeology University of Wrocław, PI J. Baron;

- *Opracowanie i konserwacja skarbu przedmiotów brązowych z Nowego Kramka* (03567/18). Archaeological Museum in Świdnica, PI J. Orlicka-Jasnoch;

- *Metalurdczy znad Kaczawy - opracowanie materiałów z cmentarzyska kultury pól popielnicowych w Legnicy, stan. 3* (03255/16). Copper Museum in Legnica, PI T. Stolarczyk.

Scientific publications¹

Book

Nowak K. *Metalurgia brązu w czasach łuzyckich pól popielnicowych w ujęciu transgranicznym*, Yellow Point Publications, Wrocław, in press.

Multi-author monographs

1. Blajer W., Bochnak T., Cywa K., Garbacz-Klempka A., Glinianowicz G., Jurecki P., Kotowicz P., Kuroпка P., Łucejko J. J., Maciejewski M., Mueller-Bieniek A., **Nowak K.**, Przybyła M. M., Skowron K. (2022) *Ku czci bogów i ludzi: skarby z okolic Sanoka. Studium interdyscyplinarne*, University of Maria Curie-Skłodowska Historical Museum in Sanok, Lublin, Sanok (with one chapter: *Examinations of*

¹ in the case of publications in Polish, but with English-language summaries, I give the title in English

production and use traces of the bronze artefacts from the hoards from Wola Sękowa, Falejówka (hoard II), Sanok (Biała Góra) and Zarszyn (hoard II), 79-93).

2. Stolarczyk T., Paruzel P., Łaciak D., Baron J., Hałaszkó A., Jarysz R., Kuźbik R., Łucejko J. J., Maciejewski M., **Nowak K.** (2020) *Czernikowice. Cmentarzyska z epoki brązu i wczesnej epoki żelaza*, Legnica (with two chapters: *Metal findings from the Lusatian Urnfield Culture cemeteries in Czernikowice*, 131-155; *Traces of production and use-wear analysis of metal objects*, 157-166).

3. Baron J., Maciejewski M., Jarysz R., Kuźbik R., Łaciak D., Łucejko J. J., Mackiewicz M., Miazga B., **Nowak K.**, Sych D. (2019) *Phenomenon of repetition. Deposits from Karmin = Karmin Fenomen powtarzalności*, Institute of Archaeology, University of Wrocław, Wrocław (chapters: *Production traces on metal items*, 40-61; *Use-wear on metal items* [coauthorship], 62-72).

Editing of a multi-author publication

1. Maciejewski M., Tarbay J. G., **Nowak K.** (eds.) (2024) *Current Research on European Bronze and Iron Ages Hoards*, New Approaches in Archaeology 4, Brepols.

2. **Nowak K.**, Stolarczyk T. (eds.) (2016) *Metalurdcy znad Kaczawy. Cmentarzysko ciałopalne z epoki brązu odkryte w Legnicy przy ul. Spokojnej*, Copper Museum in Legnica (author and co-author of eight chapters and catalogue of finds).

Chapters in edited volumes

1. **Nowak K.**, Ialongo N. (2024) *Late Bronze Age hoard from Nowe Kramsko. Is there a method in fragments?*, [in:] M. Maciejewski, J. G. Tarbay, K. Nowak (eds.), *Current Research on European Bronze and Iron Ages Hoards. New Approaches in Archaeology 4*, Brepols, 131-148.

2. **Nowak K.**, Stos-Gale Z., Derkowski P., Stolarczyk T. *Interpretation of the lead isotope and chemical analyses of the copper-based artefacts from Lower Silesia*, [in:] M. Gavranović, M. Mehofer (eds.), *Bronze Age Metallurgy. Production – Consumption – Exchange. Proceedings of the Workshop “UK-Gespräche” at the Austrian Academy of Sciences: 20th Anniversary of the Archaeometallurgical Laboratory at VIAS, University of Vienna, May 2019. Oriental and European Archaeology, Volume 32*, 185-201.

3. **Nowak K.** (2024) *Traseological study of copper-alloy artifacts from the Lusatian Culture cemetery in Opole-Groszowice*, [in:] T. Purowski (ed.), *Biritual cemetery from the Bronze and Early Iron Ages at Opole-Groszowice. Excavation in 1967 and 1969*, 293-304. Warszawa.

4. **Nowak K.** (2024) *Traceological analysis of metal artifacts from the cemetery in Domasław-Chrzanów, Kobierzyce Commune, Wrocław District*, [in:] A. Józefowska, K. Nowaczyk, L. Nowaczyk, M. Anioła, A. Zarzycka-Anioła (eds.), *Cmentarzysko z epoki brązu w Domasławiu 10/11/12 i Chrzanowie 4*, pow. wrocławski. Vol. 4, 383-394. Wrocław – Pękowice.

5. Maciejewski M., **Nowak K.** (2022) *Hoard, metallurgy and points. Proposal of an analytical tool for describing hoards with components related to metalworking*, [in:] D. Hofmann, F. Nikulka, R. Schumann (eds.), *The Baltic in the Bronze Age: Regional Patterns, Interactions and Boundaries*, Sidestone Press, 123-143.
6. **Nowak K.** (2020) *Analysis of use-wear and manufacturing traces preserved on the objects from the Marcinowice hoard*, [in:] A. Michalak, E. Przechrzta (eds.), *Marcinowice. Skarb przedmiotów metalowych z wczesnej epoki brązu*, Zielona Góra, 75-99.
7. Nowak K. (2019) *Traceological analysis of the copper alloy items from the Nowe Kramsko hoard*, [in:] A. Michalak, J. Orlicka-Jasnoch (eds.), *Skarb z Nowego Kramaska. Analizy. Konteksty*, Zielona Góra, 179-196.
8. **Nowak K.** (2019) *Reconstruction of production and methods of use of the „model plate” from Nowe Kramsko*, [in:] A. Michalak, J. Orlicka-Jasnoch (eds.), *Skarb z Nowego Kramaska. Analizy. Konteksty*, 197-204.
9. Baron J., Kierczak J., Kuźbik R., **Nowak K.** (2014) *Embankments on the Ptasznik mountain in the Golden Mountains in the Eastern Sudetes*, [in:] J. Juchelka (ed.) *Doba popelnicowych poli a doba halštatská ve stredni Evrope. Material z XIII. mezinárodní konference „Popelnicová pole a doba halštatská*, 161-177.

Articles in peer-reviewed journals

1. Bartz W., **Nowak K.**, Stolarczyk T., Baron J. (2025) *For special purposes only: Ceramic casting moulds from the late Bronze and Early Iron Age metallurgical workshop in Grzybiany (SW Poland)*, *Archaeometry* 67(2), 482–501. DOI: 10.1111/arc.13017
2. Baron J., **Nowak K.** (2024) *Shifting techniques in perforating animal teeth and metal objects. Some examples from Early Bronze Age contexts*, *Sprawozdania Archeologiczne*, 76(1), 615–628. <https://doi.org/10.23858/SA/76.2024.1.3716>.
3. **Nowak K.**, Sych D. (2024) *Traceology of metalwork - limitations and new perspectives*, *Sprawozdania Archeologiczne*, 76(1), 99–121. <https://doi.org/10.23858/SA/76.2024.1.3569>
4. Stasik M., Baron J., **Nowak K.** (2024) *Impacts of working bone and antler on a bronze knife: Experimental and use-wear studies*, *Journal of Archaeological Science: Reports* 55, 104494, <https://doi.org/10.1016/j.jasrep.2024.104494>.
5. **Nowak K.**, Gan P., Fudziński P., Palej A., Gólczyński M., Kwiatkowska M. (2023) *Skarb z Jodłowna, gm. Przywidz, pow. gdański, woj. pomorskie. Kontekst osadniczy oraz zagadnienia typologiczno-chronologiczne*, *Pomorania Antiqua* 32, 91-114.

6. **Nowak K.**, Rola J., Towarek A., Wagner B. (2023) *The palstave of the Nordic type "from Szczecin". A voice in the discussion on the presence of replicas in museums collections*, *Archeologia Polski* 68, 357-369. DOI: 10.23858/APol68.2023.012.
7. **Nowak K.**, Gan P. (2023) *Early Iron Age hoard from Jodłowno, Northern Poland*, *Communicationes Archaeologicae Hungariae* 2023, 105-119. <https://doi.org/10.54640/CAH.2023.105>
8. **Nowak K.**, Gan P. (2023) *The Early Iron Age hoard from Jodłowno (pow. gdański), northern Poland. Technological study of the metal raw materials*, *Archäologisches Korrespondenzblatt* 53/3, 333-347.
9. **Nowak K.**, Baron J., Michalik J., Sych D., Grześkowiak M., Kurka G. (2023) *Skarby przedmiotów metalowych z Dargobądzka i Kamienia Pomorskiego w zbiorach Muzeum Ziemi Kamieńskiej w Kamieniu Pomorskim*, *Materiały Zachodniopomorskie. Nowa Seria* 19, 201-219. DOI 10.62076/MZP00009
10. **Nowak K.**, Stolarczyk T., Stos-Gale Z., Baron J., Derkowska K., Derkowski P., Miazga B., Woodhead J., Karasiński J., Maas R. (2023) *Question of local exploitation of copper ore deposits in the Urnfield time in Poland*, *Frontiers in Earth Science* 11:1184949. doi: 10.3389/feart.2023.1184949.
11. **Nowak K.**, Tarbay J. G., Stos-Gale Z. A., Derkowski P., Sielicka K. (2023) *A complex case of trade in metals: The origin of copper used for artefacts found in one hoard from a Late Bronze Age Lusatian Urnfield Culture in Poland*, *Journal of Archaeological Science: Reports* 49, 103970. <https://doi.org/10.1016/j.jasrep.2023.103970>.
12. **Nowak K.**, Sielicka K., Miazga B. (2022) *Hoard from Paszowice, Lower Silesia. Analysis of (non)use-wear and manufacture traces*, *Archeologia Polski* 67, 81-115. DOI: 10.23858/APol67.2022.004.
13. **Nowak K.**, Tarbay J. G., Maróti B., Kis Z., Káli G. (2022) *A disc-budded axe from Cisek: a deadly weapon or a sign of prestige?*, *Rocznik Muzeum Górnośląskiego w Bytomiu. Archeologia* 23, Bytom, 85-110.
14. **Nowak K.**, Stos-Gale Z. A., Stolarczyk T., Miazga B. (2022) *The Late Bronze Age 'metallurgists' graves' in south-western Poland. Tracing the provenance of the metal raw material using casting moulds*. *Journal of Archaeological Science: Reports* 42, e103393. <https://doi.org/10.1016/j.jasrep.2022.103393>.
15. Derkowska K., Świerk M., **Nowak K.** (2021) *Reconstruction of Copper Smelting Technology Based on 18–20th-Century Slag Remains from the Old Copper Basin, Poland*. *Minerals* 11, 926. <https://doi.org/10.3390/min11090926>
16. Baron J., Maciejewski M., Miazga B., **Nowak K.**, Sych D. (2020) *More Bronze Age, less bronze: copper axes in the late Bronze Age hoard from Karmin in SW Poland*. *Antiquity* 94 (377), 1-8.

17. Baron J., Puziewicz J., **Nowak K.**, Sych D., Miazga B., Ziobro M. (2020) *Same but different. Composition, production and use of bronze arrowheads from the Late Bronze Age deposit from Wrocław-Widawa in SW Poland*. Journal of Archaeological Science: Reports 32, e102459.
18. Sych D., **Nowak K.**, Maciejewski M., Miazga B., Baron J. (2020) *Influence of conservation of copper and bronze artefacts on traces of production and use-wear*. Archaeological and Anthropological Sciences 12, 141.
19. **Nowak K.**, Baron J., Puziewicz J., Ziobro M. (2019) *Multi-faceted analysis of metal sickles from the late Bronze Age scrap deposit found in Paszowice, SW Poland*, Geochemistry. Chemie der Erde 73(3), 446-452.
20. Baron J., **Nowak K.**, Bohr M. (2018) *The Kłodzko Valley in the Urnfield period. Main issues and research perspectives*, Śląskie Sprawozdania Archeologiczne 60.1, 89-101. DOI: 10.23734/ssa.2018.60.1.89.101.
21. **Nowak K.** (2018) *Research on the reconstruction of the production methods of selected types of metal tools in the Late Bronze Age. Bivalve clay casting moulds*, Śląskie Sprawozdania Archeologiczne 60.2, 97-124. DOI: 10.34616/ssa.2018.60.2.97.124.
22. **Nowak K.**, Miazga B. (2018) *Casting mould from Siechnice, Wrocław County. Impact of the object's burnout on the results of the archaeometric analysis*, Śląskie Sprawozdania Archeologiczne 60.1, 315-327. DOI: 10.23734/ssa.2018.60.1.315.327.
23. Garbacz-Klempka A., Kwak Z., Żak P., Szucki M., Ścibior D., Stolaczyk T., **Nowak K.** (2017) *Reconstruction of the Casting Technology in the Bronze Age on the Basis of Investigations and Visualisation of Casting Moulds*, Archives of Foundry Engineering, 3/2017
24. Baron J., Miazga B., **Nowak K.** (2014) *Functions and contexts of Bronze Age metal casting moulds from Poland*, Bulletin de la Société préhistorique française, 111, 2, 325-338
25. Baron J., Konczewski P., **Nowak K.** 2013. *A bronze casting mould from Gaj Oławski, district Oława*, Śląskie Sprawozdania Archeologiczne 55, 161-167.
26. **Nowak K.**, Stos-Gale Z. A., Bartz W., Maciejewski M., Gackowski J., Karasiński J., Kuźbik R., Purowski T., Sobieraj J., Hoffmann M., Badura B., Stolarczyk T., *Uncovering the metallurgy of the first millennium BC in the territory of Poland: Insights from metal production, trade networks, and landscape archaeology*, Antiquity. Project Gallery, in press.

Conference presentations

Invited presentations to conferences and invited lectures

1. Department of Prehistoric Archaeology, Institute of Archaeology and Ethnology, Polish Academy of Sciences, Warsaw, 30.11.2023. **Nowak K.** *Metalurgia ludności lużyckich pól popielnicowych. Stan badań i nowe perspektywy.*
2. 8my warsztat informacyjny oferty MOLAB/FIXLAB.PL, webinar, 13.09.2023. **Nowak K.**, Rola J., *Badania interdyscyplinarne sierpa z Żuławki Malej, woj. wielkopolskie jako przyczynek do poznania pradziejowych technik żniwnych.*
3. Archaeological seminars, Department of Historical Studies, University of Gothenburg, 06.09.2023. **Nowak K.** *Metallurgy in the Late Bronze Age Poland.*
3. UK-Gespräche “Bronze Age Metallurgy production – consumption – exchange“ and 20th Anniversary Archaeometallurgical Laboratory VIAS, 23-24.05.2019, **Nowak K.**, Miazga B., Stos-Gale Z., *Die aktuellen Forschungsergebnisse zur bronzzeitlichen Metallurgie in Südwest-Polen.*

Participation in scientific conferences

2024

1. Pierwsza Krajowa Konferencja Archeometryczna, Igołomia, 8-10.10.2024. **Nowak K.**, Stos-Gale Z., Maciejewski M., Baron J., Przepióra P., Karasiński J., Pabian G. *Lokalne i nielokalne strategie zaopatrywania w metal we wczesnej epoce żelaza na przykładzie badań zabytków metalowych z osady w Wicinie i ze skarbu z Bieszkowa, zachodnia Polska.*
2. 30th EAA Annual Meeting in Rome, 28-31.08.2024. **Nowak K.**, Gan P., Stos-Gale Z. A., Karasiński J. *The ‚nearly‘ in situ excavated hoard from Jodłowno. Northern Poland. Study of the selection pattern of deposited metals.*
3. 15th meeting of the ICAZ Worked Bone Research group, 13-17.05.2024. Baron J., Stasik M., **Nowak K.** *Impacts of working bone and antler on a bronze knife: Experimental and use-wear studies*

2023

4. XXIV Sesja Pomorzoznawcza, Szczecin, 16-17.11.2023. **Nowak K.**, Gan P., Stos-Gale Z., Karasiński J., Cywa K. *Skarb z Jodłowna, pow. gdański, woj. pomorskie. Wstępne wyniki badań interdyscyplinarnych*
5. 29th EAA Annual Meeting in Belfast, 30.08-02.09.2023. **Nowak K.** *Deposits of casting moulds. The "real" hoards of metallurgists?*
6. 13th Experimental Archaeology Conference, Toruń, 30.04.-03.05.2023. Papers: **Nowak K.**, Sokół A., Sych D. *From Mould to Earth: Experimental and Traceological Study of Lusatian Socketed Axes*; Michalik J., **Nowak K.** *Does corrosion matter? Experimental study of the influence of patination on use-wear traces on the copper alloy metalwork.*

2022

7. 16th International Conference Urnfields and Hallstatt Period, Boskovice, 03.-06.10.2022. **Nowak K.**, Stos-Gale Z., Tarbay G., Derkowski P., Sielicka K. *Interregional contacts of the Lusatian Urnfields on the*

basis of the research of metal provenance.

8. 2nd Conference Ziemie polskie i ich sąsiedzi w czasach pól popielnicowych, Lublin, 21-23.09.2022.

Nowak K., Stos-Gale Z., Fowler K., *Czego jeszcze możemy się dowiedzieć badając groby metalurgów? (What else can we learn by studying the graves of metallurgists?).*

9. 28th EAA Annual Meeting, Budapest, 31.08. – 03.09.2022. **Nowak K.** *Metallurgy in the Lusatian Urnfield Culture. The influence of watercourses.*

2020

10. 26th Annual Meeting of the European Association of Archaeologists, Virtual Meeting, 26-30.08.2020. **Nowak K.**, Orlicka-Jasnoch J. Late Bronze Age hoard from Nowe Kramsko.

2019

11. 25th Annual Meeting of the European Association of Archaeologists, Bern, 04-07.09.2019. Papers: **K. Nowak**, T. Stolarczyk, *Late Bronze Age Metalworker Graves*; **K. Nowak**, T. Stolarczyk, *Possibilities and first results of research on prehistoric copper mining in the Kaczawskie Mountains and in the Kaczawskie Foothills, Poland*; J. Baron, **K. Nowak**, *Lifelong learning. Archaeological evidence of successes and failures in copper-based metallurgy in Bronze Age Poland.*

12. 3rd Conference Early Iron Age in Central Europe, Wrocław, 4-6.07.2019. **Nowak K.**, Stolarczyk T., Baron J., Miazga B., Stos-Gale Z., *The Early Iron Age metallurgy in south-west Poland*, poster.

13. 21st Śląskie Sympozjum Archeologiczne, Wrocław, 23-24.05.2019. Sych D., **Nowak K.**, Baron J., Miazga B., *Wpływ konserwacji na ślady produkcji i użytkowania widoczne na zabytkach brązowych (Influence of conservation on manufacture and use-wear traces visible on bronze artefacts).*

2018

14. Circum Baltic Interactions in the Bronze Age (CIBA), Hamburg, 22-24.11.2018. **Nowak K.**, *Interregional reflections on the problem of bronze metallurgy in Pomerania and Mecklenburg.*

15. 25th Meeting of the Petrology Group of the Mineralogical Society of Poland, Brunów, 25-28.10.2018. **Nowak K.**, Baron J., Puziewicz J., Ziobro M., *Research on the production traces and microstructure of the bronze objects. Symbolic meaning of manufacturing or results of production technology?*, poster.

16. 25th Mezinárodní Konferenci „Doba popielnicových pól a doba halštatská“, Smolenice, 15-19.10.2018. **Nowak K.**, Stolarczyk T., *O możliwości eksploatacji dolnośląskich złóż miedzi w epoce brązu i wczesnej epoce żelaza w świetle dotychczasowych badań.*

2017

17. New Approaches to Burnt Human Bones and Teeth: the bioarchaeology of cremations and tooth cementum annulation, Austrian Academy of Sciences, Vienna, 15-17.11.2017. Baron J., Hałuszko A., **Nowak K.**, Stolarczyk T., *Old data, new results: research on the 'Lusatian' urnfields in Poland.*

18. 15. meeting of European association for the advancement of archaeology by experiment (EXAR-meeting 2017), Xanten, 28.09-01.10.2017. **Nowak K.** *Ein Werkzeug für die Produktion von Gussformen?*
19. Ziemia polska i jej sąsiedzi w czasach pól popielnicowych, Wrocław, 20-22.09.2017. Papers: Baron J., Bohr M., **Nowak K.**, *Kotlina Kłodzka w czasach pól popielnicowych - tranzyt czy stabilna strefa osadnicza?*; **Nowak K.**, Sielicka K., *Skarb z Paszowic, pow. jaworski. Analiza śladów użytkowania oraz technologia produkcji sierpów ze sztabą do rękojeści.*
20. 23rd Annual Conference of the European Association of Archaeologists, Maastricht, 30.08-3.09.2017. Baron J., Garbacz-Klempka A., Sady A., Hałuszko A., Łaciak D., **Nowak K.**, Stolarczyk T., Sych D., Miazga B. *Unwanted graves: a discussion on research perspectives of the 'Lusatian' urnfields in Poland.*
21. Early Iron Age in Central Europe (EIA), Nuremberg, 20-22.07.2017. Stolarczyk T., Łaciak D., **Nowak K.** *Das hallstattzeitliche Gräberfeld in Grzybiany – das Element des eisenzeitlichen Siedlungskomplexes*, poster.
22. XX Śląskie Sympozjum Archeologiczne, Wrocław, 24-27.05.2017. Papers: **Nowak K.**, Sielicka K. *Depozyt przedmiotów brązowych z Paszowic, pow. jaworski. Analiza śladów użytkowania oraz zagadnienia technologii produkcji*; Stolarczyk T., **Nowak K.** *Metalurdcy znad Kaczawy. Cmentarzysko ciałopalne z epoki brązu odkryte w Legnicy przy ul. Spokojnej*; Sielicka K., **Nowak K.** *Badania na cmentarzysku z epoki brązu i wczesnej epoki żelaza w Wiadrowie, gm. Jawor.*
23. 12th Meeting of the Worked Bone Research Group, Granada, 23-27.05.2017. Baron J., Diakowski M., **Nowak K.** *Bone and antler objects used as grave goods in Bronze Age Poland.*
24. XI Conference "Dziedzictwo i historia górnictwa oraz wykorzystanie pozostałości dawnych robót górniczych", Zabrze, 20–22.04.2017. Stolarczyk T., **Nowak K.** *Możliwości eksploatacji dolnośląskich złóż miedzi w epoce brązu w świetle dotychczasowych badań.*

2016

25. XIV. International Conference „Doba popielnicových polí a doba halštatská“, Kutná Hora, 04-07.10.2016. **Nowak K.**, Sielicka K. *Depozyt brązowy z Paszowic – zagadnienia typologiczne i technologiczne.*

2015

26. XIX. Śląskie Sympozjum Archeologiczne, Wrocław, 27-29.05.2015. Miazga B., **Nowak K.** *Analiza metaloznawcza powierzchni form odlewniczych pochodzących z cmentarzyska kultury lużyckiej (ul. Spokojna w Legnicy).*

2014

27. XIII. International Conference „Popelnicová pole a doba halštatská“, Opawa, 12-15.05.2014. **Nowak K.** *Formy odlewnicze odkryte w grobach na cmentarzysku kultury lużyckiej przy ul. Spokojnej w Legnicy.*

2013

28. XVIII. Śląskie Sympozjum Archeologiczne, Kamień Śląski, 16-18.05.2013. Baron J., Miazga B., **Nowak K.** *Brązowa forma odlewnicza z Gaju Oławskiego, powiat oławski.*

29. Eksploatacja, produkcja, dystrybucja. Surowce w pradziejach i czasach historycznych, Wrocław, 05-07.04.2013. **Nowak K.**, Baron J., Miazga B. *Brązowe formy odlewnicze. Nowe odkrycie z Gaju Oławskiego.*

Organization of conferences and meetings

1. Co-organization of the session no. 1172 *Hoard in situ. The Archaeological Context for Understanding Metal Age Hoards*, the 30th EAA Annual Meeting, Rome, 28-31.08.2024 (with M. Nordez, M. Mélin, T. Mörtz).

2. Co-organization of the session no. 324 *Interconnections between metal and non-metal assemblages and metal and non-metal objects in hoards*, the 29th EAA Annual Meeting, Belfast, 30.08.-02.09.2023 (with M. Maciejewski and J. G. Tarbay).

2. Co-organization of the session no. 45 *Current Research on Bronze and Iron Age Hoards*, the 26th EAA Annual Virtual Meeting, 26-30.08.2021 (with M. Maciejewski and J. G. Tarbay).

3. Since 2018 – Co-organization of the meeting of the *Research Team on the Mass Deposit of Goods (Zespół Badań nad Zjawiskiem Masowego Deponowania Dóbr)*. Cooperation with W. Blajer and M. Maciejewski. Eight meetings (Wrocław, Gorzów, Lublin, Świdnica, Poznań, Bielsko Biała, Sanok, Toruń).

4. Co-organization of the 1st Conference *Polska w czasach pól popielnicowych (Polish lands in the times of Urnfields)*, 20-22.09.2017, Wrocław (with J. Baron, B. Krukiewicz, R. Kuźbik, D. Łaciak, M. Maciejewski).

Internships, exchanges, research stays

14.08.2023 – 13.11.2023. Department of Historical Studies, University of Gothenburg, Sweden. Research stay regarding the postdoctoral research project Sonatina 5, National Science Centre, Poland.

01.07.2023 – 31.07.2023 Austrian Academy of Sciences, Horizon Europe Incoming Fellowship. Research stay at the Austrian Archaeological Institute.

01.04.2023 – 30.06.2023 Department of Archaeology and Heritage Studies, Aarhus University. Research project: *Looking for traces of interregional contacts. Research on the manufacturing technology of selected Late Bronze Age and Early Iron Age types of ornaments in the Baltic Sea Region.* The IDUB Scholarship.

15.11.2017 – 15.02.2018 Erasmus+ internship, Freie Universität Berlin, Institut für Prähistorische Archäologie.

01.04 – 07.08.2017 Erasmus+ studies, Freie Universität Berlin, Institut für Prähistorische Archäologie.

01.04 – 31.05.2016 Erasmus+ internship, Freies Institut für Angewandte Kulturwissenschaften, Dr. Elisabeth Ida Faulstich, Großbeerenstraße 2-10 (Geb. 3) 12107 Berlin, <http://www.fiak-archaeologie.net/>.

20.08 – 14.09.2012 24th International Archaeological Summercamp Xanten, Colonia Ulpia Traiana, Xanten, Germany.

09.2011 – 07.2012 Erasmus studies, Eberhard Karls Universität Tübingen, Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters.

Prizes, scholarships, and awards

2021 – 2024 Scholarship of the Ministry of Science and Higher Education in Poland for outstanding young scientists.

2016-2021 Scholarships for doctoral students for annual scientific achievements, University of Wrocław.

2018 Diploma for the best poster presentation. 25th Meeting of the Petrology Group of the Mineralogical Society of Poland, Brunów, 25-28.10.2018. Poster: *Research on the production traces and microstructure of the bronze objects. Symbolic meaning of manufacturing or results of production technology?*

Other work experiences

2015-2020, the Popularisation of archaeology. Demonstrations of the bronze casting workshop using prehistoric methods. Talks on prehistoric metallurgy at archaeological festivals, meetings at museums and institutes of archaeology (e.g. Archaeological Museum in Gdańsk; Upper Silesia Museum in Bytom; Regional Museum in Jawor; Institute of Archaeology, University in Łódź; Ludzie Ognia Festival in Wrocław).

Associations

Since 01.01.2023, the research group Centre for Applied Archaeology, the Nicolaus Copernicus University, "Excellence Initiative – Research University" program.

Since 10.04.2018 – the European Association of Archaeologists, <https://www.e-a-a.org/>.

Since 01.01.2012 – the European Association for the Advancement of Archaeology by Experiment (EXAR), <http://www.exar.org/>.

Languages

Polish: native speaker; German; English; Cyrillic alphabet (can read).