

CURRICULUM VITAE

Persönliche Daten

Name: **Dr. Christina Artemenko** (geb. Woitscheck)
Geburtsdatum: 29.01.1989
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Links: [Homepage](#), [Google Scholar](#)

Bildungsweg

seit 10/2022 **Stellvertretende Gruppenleitung**, Diagnostik und Kognitive Neuropsychologie, Fachbereich Psychologie, Universität Tübingen

seit 10/2020 **Margarete-von-Wrangell-Fellow**, Fachbereich Psychologie, Universität Tübingen
Unterbrechung (04/2023-12/2023): Mutterschutz und Elternzeit

2018 – 2020 **Postdoc**, Diagnostik und Kognitive Neuropsychologie, Fachbereich Psychologie, Universität Tübingen
Unterbrechung (07/2019-04/2020): Mutterschutz und Elternzeit

2013 – 2018 **Dr. rer. nat. Psychologie**, LEAD Graduate School & Research Network, Universität Tübingen
Dissertationsthema: „Neurocognitive Foundations of Arithmetic Complexity in Adults and Children“
Unterbrechung (02/2016-01/2017): Mutterschutz und Elternzeit

2011 – 2013 **M. Sc. Cognitive Science**, Universität Osnabrück
Masterarbeit: „Influences of unilateral unipolar transcranial direct current stimulation (tDCS) on numerical cognition“

2007 – 2011 **B. A. Philosophie-Neurowissenschaften-Kognition**, Otto-von-Guericke Universität Magdeburg
Bachelorarbeit: „Behavioural developmental study about the influence of spatial context on the recognition of everyday actions“

bis 2007 **Abitur**, Sächsisches Landesgymnasium Sankt Afra zu Meißen für Hochbegabtenförderung
Auslandspraktikum (02/2007): Konrad-Adenauer-Stiftung, Moskau (Russland)
Auslandsaufenthalt (12/2004-02/2005): Schule, Omsk (Russland)

Tätigkeiten

seit 01/2023 **Vorstandsmitglied**, LEAD Graduate School & Research Network (Learning, Educational Achievement, and Life Course Development), Universität Tübingen

seit 03/2020 **Mitglied** in der Postdoctoral Academy for Research on Education (PACE), Hector-Institut für Empirische Bildungsforschung, Universität Tübingen

seit 04/2013 **Mitglied** in der Intersection Educational Neuroscience, LEAD Graduate School & Research Network (Learning, Educational Achievement, and Life Course Development), Universität Tübingen

04/2013 – 01/2016 **Projekt** „Neurocognitive Evaluation of a Web-Based Learning Platform for Arithmetic“, WissenschaftsCampus Tübingen „Bildung in

	Informationswelten“, Universität Tübingen
10/2012 – 03/2013	Forschungspraktikum , Diagnostik und Kognitive Neuropsychologie (Leitung: Nürk), Universität Tübingen
10/2011 – 07/2012	Wissenschaftliche Hilfskraft , Institut für Kognitive Mathematik und Forschungsinstitut für Mathematikdidaktik (Leitung: Schwank), Universität Osnabrück
10/2010 – 02/2011	Forschungspraktikum , Minerva-Forschungsgruppe Kognition der Motorik (Leitung: Schubotz), Max-Planck-Institut für neurologische Forschung, Köln
01/2010 – 03/2010	Forschungspraktikum , Forschungsgruppe Modellierung dynamischer Wahrnehmung und Handlung (Leitung: Kiesel), Max-Planck-Institut für Kognitions- und Neurowissenschaften, Leipzig
10/2009 – 12/2009	Forschungspraktikum , Max-Planck-Institut für neurologische Forschung, Minerva-Forschungsgruppe Kognition der Motorik (Leitung: Schubotz), Köln
10/2008 – 01/2009	Studentische Hilfskraft als Mentor für den Studiengang „Philosophie-Neurowissenschaften-Kognition“, Otto-von-Guericke Universität Magdeburg

Stipendien, Forschungs- und Konferenzförderung

- Artemenko, C.** (2024-2027): Grant for the project “Neurocognitive changes in magnitude and fact-retrieval processes underlying arithmetic with higher age”. Project funding from the German Research Foundation (DFG, 513458453, 317.386 €).
- Yao, X., **Artemenko, C.**, & Barth, B. (2023): Grant for the project “Neurocognitive correlates of multi-digit arithmetic”. LEAD Intramural Research Grants (4.124 €).
- Artemenko, C.** (2022-2025): Grant for the project “The behavioral and neural correlates of arithmetic across the lifespan”. Project funding from the German Research Foundation (DFG, 468460838, 210.334 €).
- Artemenko, C.**, Schroeder, P. A., & Dresler, T. (2021): Grant for Summer School “Hands-on fNIRS data analysis for fundamental, applied and clinical research” in Tuebingen. Program for the Promotion of Junior Researchers, Institutional Strategy of the University of Tuebingen, supported by DFG (15.058 €).
- Artemenko, C.** (2020-2025): Fellowship of the Margarete von Wrangell-Programm. Europäischer Sozialfond und Ministerium für Wissenschaft, Forschung und Kunst Baden-Württemberg (350.000 €).
- Artemenko, C.** (2020-2021): Grant for the project “Calculation in the Elderly Brain”. Program for the Promotion of Junior Researchers, Institutional Strategy of the University of Tuebingen, supported by DFG (14.540 €).
- Artemenko, C.** (2019): Grant for travelling to the Psychologie und Gehirn, Dresden. Universitätsbund (115 €).
- Artemenko, C.** (2018): Grant for travelling to the EARLI SIG 22 “Neuroscience and Education” in London and the Mathematics Education Centre’s 3rd annual symposium “The symbol grounding problem”, Loughborough. Universitätsbund (260 €).
- Nuerk, H.-C., & Dresler, T. (2015): Grant for symposium “Neuroeducation of Number Processing” in Hanover. VolkswagenStiftung (Az: 89903) (30.800 €). [unofficial applicant]
- Nuerk, H.-C., Fischer, M. H., & Dresler, T. (2014): Grant for workshop „Educational Neuroscience of Mathematics” in Tuebingen. DFG (GZ: NU 265/2-1) (9.600 €). [unofficial applicant]
- Woitscheck, C.**, Dresler, T., Nuerk, H.-C., & Ehlis, A.-C. (2014-2015): Grant for the project “Embodied number line training with portable devices”. LEAD Intramural Research Grants (9.720 €).
- Woitscheck, C.**, & Dresler, T. (2014-2015): Grant for the project “Stimulation Intervention for Dyscalculics”. LEAD Intramural Research Grants (9.982 €).
- Woitscheck, C.** (2013-2014): Grant for the project “Neurofunctional Foundations of Arithmetic Processes”. LEAD Intramural Research Grants (6.306 €).

Registered Reports (in Fachzeitschriften mit Peer-Review)

1. Abreu-Mendoza, R.A., Barner, D., Boni, I., Cheung, P., Cordes, S., Feigenson, L., Hyde, D.C., Izard, V., Kibbe, M., Libertus, M., Sullivan, J., vanMarle, K., Adams, A.-M., Anobile, G., Arias-Trejo, N., **Artemenko, C.**, ..., & Gunderson, E.A. (accepted). ManyNumbers 1: A multi-lab international study of early number knowledge. *Developmental Science*. Registered Report Stage 1.
2. Avcil, M., & **Artemenko, C.** (2023). Development of arithmetic across the lifespan: A Registered Report. *Developmental Psychology*. Registered Report Stage 1. <https://psyarxiv.com/rkfy6/>
Avcil, M., & **Artemenko, C.** (2025). Development of arithmetic across the lifespan: A registered report. *Developmental Psychology*, 61(6), 1136–1151. Registered Report Stage 2. doi:10.1037/dev0001566
3. Loenneker, H.D., Liepelt-Scarfone, I., Willmes, K., Nuerk, H.-C., & **Artemenko, C.** (2022). Arithmetic deficits in Parkinson's Disease? A Registered Report. Registered Report Stage 1, in principle acceptance by *Peer Community in Registered Reports*. doi:10.17605/OSF.IO/NB5FJ
4. **Artemenko, C.** (2021). Developmental fronto-parietal shift of brain activation during mental arithmetic across the lifespan: A registered report protocol. *PLoS ONE*, 16(8), e0256232. Registered Report Stage 1. doi:10.1371/journal.pone.0256232
5. Loenneker, H.D., **Artemenko, C.**, Willmes, K., Liepelt-Scarfone, I., & Nuerk, H.-C. (2021). Deficits in or preservation of basic number processing in Parkinson's Disease? A registered report. *Journal of Neuroscience Research*, 00, 1-16. Registered Report Stage 1. doi:10.1002/jnr.24907
Loenneker, H.D., **Artemenko, C.**, Willmes, K., Liepelt-Scarfone, I., & Nuerk, H.-C. (2024). Deficits in or preservation of basic number processing in Parkinson's Disease? A registered report. *Journal of Neuroscience Research*, 00, 1-16. Registered Report Stage 2. doi:10.1002/jnr.25397
6. Schroeder, P.A., **Artemenko, C.**, Cipora, K., & Svaldi, J. (2019). Regional specificity of cathodal transcranial direct current stimulation (tDCS) effects on spatial-numerical associations: Comparison of four stimulation sites. *Journal of Neuroscience Research*, 98(4), 655-667. Registered Report Stage 1. doi:10.1002/jnr.24559
Farshad, M., **Artemenko, C.**, Cipora, K., Svaldi, J., & Schroeder, P. A. (2024). Regional specificity of cathodal transcranial direct current stimulation effects on spatial-numerical associations: Comparison of four stimulation sites. *Journal of Neuroscience Research*, 102(2), e25304. Registered Report Stage 2. doi:10.1002/jnr.25304
7. Soltanlou, M., Nuerk, H.-C., & **Artemenko, C.** (2018). Cognitive enhancement or emotion regulation: The influence of brain stimulation on math anxiety. *Cortex*. Registered Report Stage 1. doi:10.17605/OSF.IO/6EN48

Publikationen (in Fachzeitschriften mit Peer-Review)

8. Daroczy, G., Soltanlou, M., Dresler, T., Nuerk, H.-C.*, & **Artemenko, C.*** (accepted). Language comprehension challenges arithmetic word problem solving – An fNIRS study. *ZDM-Mathematics Education*.
9. Yao, X., Huber, J.F., Li, Z., Findik, Y., Nuerk, H.-C., & **Artemenko, C.** (accepted). The dynamics of state math anxiety vary by paradigm and timing during arithmetic. *npj Science of Learning*.
10. Daroczy, G., Cramer, F., **Artemenko, C.**, Hunt, T.E., & Nuerk, H.-C. (accepted). The mathematics anxiety-complexity effect in word problems. *Quarterly Journal of Experimental Psychology*.
11. **Artemenko, C.**, & Nuerk, H.-C. (accepted). Empirical and conceptual relations of the carry effect in addition and the borrow effect in subtraction: An inversion account. *Journal of Numerical Cognition*.
12. He, Y., Zhang, H., Nuerk, H.-C., & **Artemenko, C.** (2025). Inferior frontal gyrus is responsible for cognitive control during two-digit number processing: fNIRS evidence from magnitude comparison task. *NeuroImage*, 318, 121424. doi:10.1016/j.neuroimage.2025.121424
13. Lunardon, M., **Artemenko, C.**, Rossi, S., Nuerk, H.-C., & Cipora, K. (2025). More than just anxiety: Math attitudes as a key driver of university choice. *Annals of the New York Academy of Sciences*, 1553(1), 240-255. doi:10.1111/nyas.70060

14. Yücel, M.A., Luke, R., Mesquita, R.C., von Lühmann, A., Mehler, D.M.A., Lühns, M., Gemignani, J., Abdalmalak, A., Albrecht, F., de Almeida Ivo, I., **Artemenko, C.**, ... (2025). fNIRS reproducibility varies with data quality, analysis pipelines, and researcher experience. *Communications Biology*, 8, 1149. doi:10.1038/s42003-025-08412-1
15. Stute, K., Gossé, L. K., Montero-Hernandez, S., Perkins, G. A., Yücel, M. A., Cutini, S., ... **Artemenko, C.**, ... (2025). fNIRS glossary project: a consensus-based resource for functional near-infrared spectroscopy terminology. *Neurophotonics*, 12(2), 027801. doi:10.1117/1.NPh.12.2.027801
16. Bahreini, N., **Artemenko, C.**, Plewnia, C., Rostami, R., & Nuerk, H.-C. (2025). Does the brain care which direction we read? A cross-cultural tDCS study on functional lateralization of number processing. *Brain and Behavior*, 15(3), e70353. doi:10.1002/brb3.70353
17. Daroczy, G., **Artemenko, C.**, Wolska, M., Meurers, D., & Nuerk, H.-C. (2025). Are text comprehension and calculation processes in word problem solving sequential or interactive? An eye-tracking study in children. *Canadian Journal of Experimental Psychology*. doi:10.1037/cep0000366
18. Farshad, M., Barth, B., Svaldi, J., **Artemenko, C.***, & Schroeder, P. A.* (2025). Outbalanced: The cross-cortical effects of prefrontal neuromodulation in posterior parietal cortex. *Cortex*, 185, 96-112. doi:10.1016/j.cortex.2025.01.009
19. Yao, X., **Artemenko, C.**, He, Y., & Nuerk, H.-C. (2025). Arithmetic is not arithmetic: Paradigm matters for arithmetic effects. *Cognition*, 256, 106060. doi:10.1016/j.cognition.2024.106060
20. Cipora, K., Lunardon, M., Masson, N., Georges, C., Nuerk, H.-C., & **Artemenko, C.** (2024). The AMATUS Dataset: Arithmetic Performance, Mathematics Anxiety and Attitudes in Primary School Teachers and University Students. *Journal of Open Psychology Data*, 12(10), 1–17. doi:10.5334/jopd.115
21. **Artemenko, C.**, Giannouli, V., & Nuerk, H.-C. (2024). Age-related effects in magnitude and place-value processing. *Scientific Reports*, 14(1), 13645. doi:10.1038/s41598-024-63298-z
22. Loenneker, H. D., Cipora, K., **Artemenko, C.**, Soltanlou, M., Bellon, E., De Smedt, B., Garcia-Orza, J., Giannouli, V., Gutierrez-Cordero, I., Lipowska, K., van Dijck, J.-P., Yao, X., Nuerk, H.-C., & Huber, J. F. (2024). Math4Speed - a freely available measure of arithmetic fluency. *Canadian Journal of Experimental Psychology*. doi:10.1037/cep0000347
23. Bahreini, N., **Artemenko, C.**, Plewnia, C., & Nuerk, H.-C. (2023). tDCS effects in basic symbolic number magnitude processing are not significantly lateralized. *Scientific Reports*, 13(1), 21515. doi:10.1038/s41598-023-48189-z
24. Terry, J., Ross, R.M., Nagy, T., Salgado, M., Garrido-Vásquez, P., Sarfo, J.O., Cooper, S., Buttner, A.C., Lima, T.J.S., Öztürk, İ., Akay, N., Santos, F.H., **Artemenko, C.**, ..., & Field, A.P. (2023). Data from an International Multi-Centre Study of Statistics and Mathematics Anxieties and Related Variables in University Students (the SMARVUS Dataset). *Journal of Open Psychology Data*, 11(1), 8. doi:10.5334/jopd.80
25. Schroeder, P.A., **Artemenko, C.**, Kosie, J.E., Cockx, H., Stute, K., Pereira, J., Klein, F., & Mehler, D.M.A. (2023). Using preregistration as a tool for transparent fNIRS study design. *Neurophotonics*, 10(2), 023515. doi:10.1117/1.NPh.10.2.023515
26. **Artemenko, C.**, Wortha, S.M., Dresler, T., Frey, M., Barrocas, R., Nuerk, H.-C., & Moeller, K. (2022). Finger-based numerical training increases sensorimotor activation for arithmetic in children – An fNIRS study. *Brain Sciences*, 12(5):637. doi:10.3390/brainsci12050637
27. Rossi, S., Xenidou-Dervou, I., Simsek, E., **Artemenko, C.**, Daroczy, G., Nuerk, H.-C., & Cipora, K. (2022). Mathematics-gender stereotype endorsement influences mathematics anxiety, self-concept, and performance differently in men and women. *Annals of the New York Academy of Sciences*, 1513(1), 121-139. doi:10.1111/nyas.14779
28. Soltanlou, M., Dresler, T., **Artemenko, C.**, Rosenbaum, D., Ehli, A.-C., & Nuerk, H.-C. (2022). Training causes activation increase in temporo-parietal and parietal regions in children with mathematical disabilities. *Brain Structure and Function*, 221, 1757-1771. doi:10.1007/s00429-022-02470-5
29. Huber, J.F., & **Artemenko, C.** (2021). Anxiety-related difficulties with complex arithmetic – A web-based replication of the anxiety-complexity effect. *Zeitschrift für Psychologie*, 229(4). doi:10.1027/2151-2604/a000469

30. **Artemenko, C.**, Masson, N., Georges, C., Nuerk, H.-C., & Cipora, K. (2021). Not all elementary school teachers are scared of math. *Journal of Numerical Cognition*, 7(3). doi:10.5964/jnc.6063
31. **Artemenko, C.***, Sitnikova, M.A.*, Soltanlou, M., Dresler, T., & Nuerk, H.-C. (2020). Functional lateralization of arithmetic processing in the parietal cortex is associated with handedness. *Scientific Reports*, 10:1775. doi:10.1038/s41598-020-58477-7
32. Soltanlou, M., Coldea, A., **Artemenko, C.**, Ehlis, A.-C., Fallgatter, A.J., Nuerk, H.-C., & Dresler, T. (2019). No difference in the neural representation of number and letter symbols in children: An fNIRS study. *Mind, Brain, and Education*, 13(4), 313-325. doi:10.1111/mbe.12225
33. **Artemenko, C.**, Soltanlou, M., Bieck, S.M., Ehlis, A.-C., Dresler, T., & Nuerk, H.-C. (2019). Individual Differences in Math Ability Determine Neurocognitive Processing of Arithmetic Complexity: A Combined fNIRS-EEG Study. *Frontiers in Human Neuroscience*, 13:227. doi:10.3389/fnhum.2019.00227
34. Soltanlou, M., **Artemenko, C.**, Dresler, T., Fallgatter, A.J., Nuerk, H.-C.*, & Ehlis, A.-C.* (2019). Oscillatory EEG changes during arithmetic learning in children. *Developmental Neuropsychology*, 44(3), 1-17. doi:10.1080/87565641.2019.1586906
35. Soltanlou, M., **Artemenko, C.**, Dresler, T., Fallgatter, A.J., Ehlis, A.-C., & Nuerk, H.-C. (2019). Math anxiety in combination with low visuospatial memory impairs math learning in children. *Frontiers in Psychology*, 10:89. doi:10.3389/fpsyg.2019.00089
36. **Artemenko, C.***, Coldea, A.*, Soltanlou, M., Dresler, T., Nuerk, H.-C.*, & Ehlis, A.-C.* (2018). The neural circuits of number and letter copying: An fNIRS study. *Experimental Brain Research*, 236(4), 1129-1138. doi:10.1007/s00221-018-5204-8
37. **Artemenko, C.**, Soltanlou, M., Dresler, T., Ehlis, A.-C.*, & Nuerk, H.-C.* (2018). The neural correlates of arithmetic difficulty depend on mathematical ability: Evidence from combined fNIRS and ERP. *Brain Structure and Function*, 223(6), 2561-2574. doi:10.1007/s00429-018-1618-0
38. **Artemenko, C.**, Soltanlou, M., Ehlis, A.-C., Nuerk, H.-C.*, & Dresler, T.* (2018). The neural correlates of mental arithmetic in adolescents: a longitudinal fNIRS study. *Behavioral and Brain Functions*, 14:5. doi:10.1186/s12993-018-0137-8
39. Soltanlou, M., **Artemenko, C.**, Ehlis, A.-C., Huber, S., Fallgatter, A.J., Dresler, T.*, & Nuerk, H.-C.* (2018). Reduction but not shift in brain activation in arithmetic learning in children: A simultaneous fNIRS-EEG study. *Scientific Reports*, 8:1707. doi:10.1038/s41598-018-20007-x
40. **Artemenko, C.**, Pixner, S., Moeller, K., & Nuerk, H.-C. (2018). Longitudinal development of subtraction performance in elementary school. *British Journal of Developmental Psychology*, 36(2), 188-205. doi:10.1111/bjdp.12215
41. Bieck, S.M., **Artemenko, C.**, Moeller, K., & Klein, E. (2018). Low to no effect: application of tRNS during two-digit addition. *Frontiers in Neuroscience*, 12:176. doi:10.3389/fnins.2018.00176
42. Soltanlou, M., **Artemenko, C.**, Dresler, T., Haeussinger, F.B., Fallgatter, A.J., Ehlis, A.-C., & Nuerk, H.-C. (2017). Increased arithmetic complexity is associated with domain-general but not domain-specific magnitude processing in children: A simultaneous fNIRS-EEG study. *Cognitive, Affective, & Behavioral Neuroscience*, 17(4), 724-736. doi:10.3758/s13415-017-0508-x
43. Schroeder, P.A., Dresler, T., **Artemenko, C.**, Bahnmueller, J., Cohen-Kadosh, R., & Nuerk, H.-C. (2017). Cognitive Enhancement of Numerical and Arithmetic Capabilities: a Mini-Review of Available Transcranial Electric Stimulation Studies. *Journal of Cognitive Enhancement*, 1(1), 39-47. doi:10.1007/s41465-016-0006-z
44. Wurm, M.F., **Artemenko, C.**, Giuliani, D., & Schubotz, R.I. (2017). Action at its place: Contextual settings enhance action recognition in 4- to 8-year-old children. *Developmental Psychology*, 53(4), 662-670. doi:10.1037/dev0000273
45. Roesch, S., Jung, S., Huber, S., **Artemenko, C.**, Bahnmueller, J., Heller, J., Grust, T., Nuerk, H.-C., & Moeller, K. (2016). Training arithmetic and orthography on a web-based and socially-interactive learning platform. *International Journal of Education and Information Technologies*, 10, 204-217.
46. **Artemenko, C.**, Daroczy, G., & Nuerk, H.-C. (2015). Neural correlates of math anxiety – an overview and implications. *Frontiers in Psychology*, 6:1333. doi:10.3389/fpsyg.2015.01333

47. **Artemenko, C.**, Moeller, K., Huber, S., & Klein, E. (2015). Differential influences of unilateral tDCS over the intraparietal cortex on numerical cognition. *Frontiers in Human Neuroscience*, 9:110. doi:10.3389/fnhum.2015.00110

[* equally contributed: shared first or senior authorship]

Buchkapitel, Konferenzartikel & Kommentare

48. Keller, W., & Artemenko, C. (accepted). Price framings influence consumer choices beyond mathematical calculations – Interdisciplinary structured abstract. *Conference Proceedings of the 2025 AMS World Marketing Congress*.
49. Loenneker, H.D., Huber, J.F., **Artemenko, C.**, Heller, J., & Nuerk, H.-C. (2022). Realitätscheck Open Science in der universitären Lehre. *Psychologische Rundschau*, 73(1), 47-49. doi:10.1026/0033-3042/a000577
50. Cipora, K., **Artemenko, C.**, & Nuerk, H.-C. (2019). Different ways to measure math anxiety. In: I. Mammarella, S. Caviola, A. Dokwer (Eds.). *Mathematics Anxiety: What is known and what is still to be understood* (pp. 20-41). Routledge.

Ausgewählte Konferenzbeiträge

- Artemenko, C.** (2025). State emotions during mathematics. **Symposium** organized at the Tagung der Fachgruppe Pädagogische Psychologie (PAEPS), Jena, Germany, 29.09.-01.10.2025.
- Ocklenburg, S., & **Artemenko, C.** (2025). IGOR Symposium: Open Science initiatives in biopsychological research. **Symposium** organized at the Psychologie und Gehirn (PUG), Würzburg, Germany, 18.06.-21.06.2025.
- Artemenko, C.** (2025). Finger-based numerical representations in the sensorimotor cortex in children and adults – Evidence from fNIRS. **Talk** given at the Educational Neuroscience Collaboration and Research (ENCORE) conference, London, UK, 24.04.-25.04.2025.
- Artemenko, C.** (2025). Educational Neuroscience of Mathematics. **Talk** given at the GEPF-Tagung, Mannheim, Germany, 27.01.-29.01.2025.
- Artemenko, C.** (2024). Finger counting – preconditions, strategies, interventions, representations, and education. **Symposium** organized at the DGPS-Congress, Wien, Austria, 16.09.-19.09.2024.
- Artemenko, C.** (2024). Neural plasticity of the mathematical brain. **Symposium** organized at the Meeting of the International Mind, Brain and Education Society (IMBES), Leuven, Belgium, 10.07.-12.07.2024.
- Artemenko, C.** (2024). Cognitive Aging. **Symposium** organized at the Psychologie und Gehirn (PUG), Hamburg, Germany, 29.05.-01.06.2024.
- Artemenko, C.**, Cipora, K., & Nuerk, H.-C. (2022). Does math anxiety vary depending on situation? **Talk** given at the conference of the Mathematical Cognition and Learning Society (MCLS), Antwerp, Belgium, 01.-03.06.2022.
- Artemenko, C.**, & Klein, E. (2022). Aging effects on arithmetic. **Symposium** organized at the conference of the Mathematical Cognition and Learning Society (MCLS), online, 03.02.2022.
- Artemenko, C.** (2021). Developmental fronto-parietal shift of brain activation during mental arithmetic across the lifespan. **Poster** presented at the Society of fNIRS Virtual Conference, online, 18.10.2021.
- Artemenko, C.** (2021). Confronted with arithmetic complexity – An educational neuroscience approach. **Invited Talk** given at the Mathematics Education Centre, Loughborough University, Loughborough, United Kingdom, 19.05.2021.
- Artemenko, C.** (2020). Why is math so difficult? – Insights from Educational Neuroscience. **Invited Talk** given at the LEAD Retreat – Learning, Educational Achievement, and Life Course Development, online, 14.-16.10.2020.
- Artemenko, C.**, Nuerk, H.-C., & Soltanlou, M. (2019). No stimulation effects on arithmetic performance, working memory and emotion regulation: A registered report. **Talk** given at the Psychologie und Gehirn (PUG), Dresden, Germany, 20.-22.06.2019.
- Artemenko, C.** (2019). Educational Neuroscience of mathematical ability. **Invited Talk** given at the Belgorod National Research University, Belgorod, Russia, 04.06.2019.

- Artemenko, C.** (2019). Neuroscience of arithmetic complexity. **Invited Talk** given at the Interdisciplinary Summer School on Cognitive Neuroscience, Neuroeducation and Applied Neurotechnologies, Belgorod National Research University, Belgorod, Russia, 03.-08.06.2019.
- Artemenko, C.,** Soltanlou, M., Dresler, T., Ehlis, A.-C., & Nuerk, H.-C. (2018). Neurocognitive correlates of arithmetic complexity in adults and children. **Talk** given at the Third Jean Piaget Conference “The origins of number”, Geneva, Switzerland, 27.-29.06.2018.

Konferenzorganisation

- Summer School “Hands-on fNIRS data analysis for fundamental, applied and clinical research” (hybrid event), Tuebingen, Germany (08/2021); funded by Program for the Promotion of Junior Researchers, Institutional Strategy of the University of Tuebingen, supported by DFG.
- Workshop „Integrating Educational and Cognitive Perspectives on Mathematics“, Tuebingen, Germany (09/2018); funded by LEAD Graduate School & Research Network (GSC 1028).
- Workshop „Linguistic and Cognitive Influences on Numerical Cognition“, Tuebingen, Germany (09/2017); funded by DFG, Narodowe Centrum Nauki, LEAD (GSC 1028), & Institut für Wissensmedien.
- Symposium „Neuroeducation of Number Processing“, Hanover, Germany (10/2015); funded by VolkswagenStiftung (Az: 89903).
- Workshop „Educational Neuroscience of Mathematics“, Tuebingen, Germany (10/2014); funded by DFG (GZ: NU 265/2-1), LEAD (GSC 1028), & ScienceCampus Tuebingen.
- Workshop „Development of Numerical Processing and Language From Neurocognitive Foundations to Educational Applications“, Tuebingen, Germany (10/2013); funded by Zukunftskonzept „Research – Relevance – Responsibility“ of the University of Tuebingen.

Qualifikationen

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|--------------------|---|
| Hochschuldidaktik: | Baden-Württemberg-Zertifikat für Hochschuldidaktik mit Schwerpunkt in eLearning (09/2020-12/2022) |
| Führungskompetenz: | Certificate „Leadership in Academia, Industry & Society“ (12/2020-05/2024) |
| Datenmanagement: | Certificate in Research Data Management (01/2024-02/2024) |
| Editor: | Collabra:Psychology (Associate Editor seit 01/2023) |
| | PCI Registered Reports (Recommender seit 06/2022) |