

AI-WORKSHOP

*Teaching with AI tools:
The Role of AI in
Transforming Teacher
Education*

26.-27.11.2025



PH Ludwigsburg
University of Education



INVITE 2.0

International Networking for Virtually
Improved Teacher Education



OVERVIEW

Speakers

University of Tartu

Helen Hint, PhD
Keynote Speaker



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Position: Lecturer in Academic Literacy, Programme Director (of the Estonian Language and Literature Teacher Curriculum); Head of the university-wide Working Group on the Use of AI in Teaching and Learning (2024-2025).

Research/teaching focus:

- Linguistics—specifically on referential devices in Estonian and the linguistic features of Estonian academic texts.
- Teaching of academic writing, as well as the role and use of AI applications in education.

Publications:

- University of Tartu (2025). *Artificial intelligence at the University of Tartu*.
- FLAIR Collaboration (2025). *AI competence frameworks and policies in higher education: Synthesis report*. Vienna University of Economics and Business.
- Hint, H.; Lemendik, H.; Johansson, C. & Leijen, D. A. J. (2024). *Decoding Metadiscourse Markers in Estonian Academic Texts: A Language-Specific Perspective*. *Written Communication*, 42(1), 152-192.
- Leijen, D.; Hint, H. & Jürine, A. (2025). *Academic Writing Tradition and How to Model It*. In: Donahue, T. & Gannet, C. (2025). *Supporting International Writing Studies Research*. WAC.
- Hint, H.; Reile, M. & Kaiser, E. (2023). *Third-person overt pronoun and zero reference in Estonian. Insights from two experiments*. *Eesti Ja Soome-Ugri Keeleteaduse Ajakiri. Journal of Estonian and Finno-Ugric Linguistics*, 14(2), 75-109.

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OVERVIEW

Speakers

Prof. Dr. Bianca Roters

Position:

Professor in linguistics and EFL teaching

Research/ teaching focus:

- Augmented lesson planning.
- Linguistics for inclusive & digital education.
- Digital storytelling in EFL.

Publications:

- Timpe-Laughlin, V.; Roters, B. & Butler, Y. G. (2024). *Exploring the Idea of Task in the Context of the Young Language Learner Classroom. ETS Research Report Series.*
- Ade-Thurow, B. & Roters, B. (2025). *Augmented Lesson Planning als Professionalisierungsmoment für die agency angehender Englischlehrkräfte. k:ON -Kölner Online Journal für Lehrer*innenbildung 9, 1-21.*

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Ludwigsburg University of Education

Angelin Gaissert

Position:

Digital Learning Centre /
PhD candidate in Computer Science

Research focus:

AI literacy among elementary school teachers and elementary school children.

Publications:

- Gaißert, A.; Fain, V. & Zouhar, A.-M. (2025). *Entlastung für Hochschullehrende in Zeiten des digitalen Wandels: Wie E-Tutor*innen bei der Gestaltung von Digitalisierungsprozessen unterstützen können. Ludwigsburger Beiträge Zur Medienpädagogik, 25, 1-15.*

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Dr. Benedikt Beuttler



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Position:

Postdoctoral Researcher
in the “WoLKE”-project at
the faculty of computer
sciences

Research focus:

- Digital transformation of education, combining research and practical application.
- Development of and the technological advancements in digital language learning tools for children.

Publications:

- Beuttler, B. (2024). *Designing a Playful, Tablet and Group-Based Literacy Screening for German-speaking Pre-Readers: A Machine Learning Approach.*
- Leifheit, L.; Loefflad, D.; Belschner, S.; Beuttler, B.; Winkelmann, J.; Meurers, W. D. & Holz, H. (2024). *KI im Unterricht: Entwicklung von Lehrveranstaltungen für Lehramtsstudierende der Sprach- und MINT-Fächer. Ludwigsburger Beiträge Zur Medienpädagogik, 24, 1-19.*

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OVERVIEW

Speakers

**Dr. Jan-René
Schluchter**



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Position:

Lecturer / Researcher;
Department of Media Education

Research/ teaching focus:

- Media Education in Schools and Teacher Education.
- Media Education and Inclusive Education.
- Media Education and Education for Sustainable Development.

Publications:

- Schluchter, J.-R. & Böhmer, A. (2025): Capitalism and Digital Inequality: Implications for Inclusive Education. In: seminar.net - Media, Technology & Lifelong Learning 01/2025.
- Autenrieth, D.; Schluchter, J.-R. & Schulz, L. (2025). AI is all you need? Künstliche Intelligenz, gesellschaftliche Teilhabe und Perspektiven transformativer Bildung auf die Herausforderungen eines AI Divide. In: Zeitschrift für Inklusion 20(3), S. 19-42.
- Autenrieth, D. & Schluchter, J.-R. (2025): Menschliche Existenz, (Nicht)Nachhaltigkeit und Künstliche Intelligenz. AI-Safety und AI-Alignment als Reflexionsgröße der Medienpädagogik. In: Medienimpulse - Beiträge zur Medienpädagogik 01/2025. S. 1-46.

Contact: schluchter@ph-ludwigsburg.de

**Ludwigsburg University
of Education**

Daisy Herrmann



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Position:

Masters student for secondary school education (English & French) at LUE;
Student assistant for INVITE 2.0

Research/ teaching focus:

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Publications:

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**M.Sc./M.A. Daniel
Autenrieth**



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Position:

Independent Researcher,
RWTH Aachen University

Research focus:

AI Alignment Research

Publications:

- Autenrieth, D.; Schluchter, J.-R. & Schulz, L. (2025). Transformative (inklusive) Bildung im Kontext der Entwicklung von Künstlicher Intelligenz. Schweizerische Zeitschrift Für Heilpädagogik, 31(8), 34-40.
- Autenrieth, D.; & Nickel, S. (2025). Mensch, KI und Bildung im Spiegel philosophischer und medienpädagogischer Reflexion. Medienimpulse, 63(3).
- Autenrieth, D., Schluchter, J.-R., & Schulz, L. (2025). AI is all you need? Künstliche Intelligenz, gesellschaftliche Teilhabe und Perspektiven transformativer Bildung auf die Herausforderungen eines AI Divide. Zeitschrift Für Inklusion, 3.

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OVERVIEW

Speakers

Marie Falkesgaard
Slot, PhD



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Position: Docent

Research/teaching focus:

- Teacher education and the development of future teachers' technological and pedagogical competence.
- How learning materials and emerging technologies, including Generative Artificial Intelligence, can support inquiry-based and reflective teaching practices.

Publications:

Nilsberth, M.; Høegh, T. & Slot, M. F. (2024). *Spatializing literacy-as-events. Literacy in new techno-scholastic environments of lower secondary classrooms*. *Language and Education*, 39(5), 1185-1205.

Contact: mafa@kp.dk

University College
Copenhagen

Camilla Balslev
Nielsen, PhD



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Position: Lecturer

Research/teaching focus:

- Understanding technology.
- Children's culture - Children's everyday lives in a digital world.
- Designing with children.
- Developing design methods. Designing technologies, products, content and learning materials for children.

Publications:

Balslev Nielsen, C. (2024). *Infrastructuring digital literacy in K-12 education: A national case study*. *International Journal of Child-Computer Interaction* 42, p. 1-10 .

Contact: caban@kp.dk

Lise Dissing Møller, PhD

Position: Lecturer

Research/teaching focus:

- Digitalization in education and teacher education didactics.
- With an academic background in Nordic literature, language, and art history, I draw on a broad interdisciplinary foundation to explore innovative teaching methods and integrate technology comprehension into education more specific the technology toned teacher education and KP - Future Classroom Teacher.

Publications:

- "Technology Comprehension in Danish" (2024): Examining the integration of technology understanding in Danish language education. (Book)
- "Digital Formation and Use of Technologies in Teacher Education" (2024): A survey exploring student teachers' perspectives on digitalization, digital formation, and the role of artificial intelligence in education. (Research)

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OVERVIEW

Speakers

Oslo Metropolitan
University

Stephanie Hoebeke



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Position: Assistant Professor; Department of Art, Design and Drama

Research/teaching focus:

- Digital tools, the creative process, design methodology, makerspaces, and architecture education.
- Programme and course coordinator for the continuing education programme in Arts and Crafts for teachers and hold course coordinator for Professional Pedagogy: The Teacher Role, Teaching Practice and Student Engagement, as well as for the R&D Project: In-depth Study in a Self-Selected Area.

Publications:

- Hoebeke, S.; Strand, I & Haakonsen, P. (2021). *Programming as a New Creative Material in Art and Design Education*. Techne Serien. Vol. 28.

Contact: stephanie.hoebeke@oslomet.no

Babes-Bolay
University

Miriam Kenyeres,
PhD



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Position:

Teaching associate

Research/ teaching focus:

- Education and professional development of pre-service Biology teachers, with an emphasis on fostering pedagogical innovation and the effective integration of digital technologies in science education.

Publications:

- Kenyeres, M.; Albulescu, I.; Pop-Pacurar, I. (2022). *Exploring the Development of Procedural Knowledge and Related Competencies Through Study of Biology in Middle and High Schools in Romania*.
- Pop-Pacurar, I.; Dumulescu, D.; Kenyeres, M. (2023). *Digital Technologies For Open and Collaborative Teaching - A Brief Framework*.
- Pop-Pacurar, I.; Kenyeres, M. (2024). *Enhancing Students' Engagement in Learning Sciences Through Project-Based Science: Using Digital Technologies Support* (p. 213- 245). In: Thompson, M. (2024). *Motivation and Engagement in Various Learning Environments - Interdisciplinary Perspectives*. North Carolina State Universities.

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