

IARIA Fellow

**Prof. Dr. Claudia Hess**

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Prof. Dr. Claudia Hess is a professor of Digital Transformation at IU International University of Applied Sciences. She studied business informatics and earned her doctorate through a German-French double-supervision program at Otto-Friedrich-Universität Bamberg and Université Paris-Sud 11.

After completing her doctorate, Claudia transitioned to industry, where she supports organizations in their digital transformation journeys, focusing on artificial intelligence, data science, and IoT technologies. Building on her expertise in enterprise architecture management, digital transformation, and AI-driven innovation, Claudia translates business strategies into cohesive digital architectures and scalable solutions that foster responsible innovation and deliver measurable operational impact. She advances the adoption of trustworthy AI by integrating governance frameworks, data strategies, and technological development, ensuring that intelligent systems remain reliable, transparent, and aligned with human and organizational values. As an IEEE CertifAIED™ Authorized Assessor, Claudia is entitled to perform AI ethics assessments.

Claudia is also dedicated to education, teaching a range of distance learning courses at IU International University of Applied Sciences on the application of artificial intelligence and data science. In selected courses, she addresses the societal and ethical implications of these technologies. Her courses on digital transformation projects equip students with practical, forward-thinking skills to design and implement innovative digital solutions in complex organizational environments. Her research explores the ethical use of artificial intelligence, as well as the evolving competencies required for future AI professionals and how students perceive and develop these skills. She is also committed to promoting the participation of girls and women in STEM disciplines.

For several years, Claudia has been actively contributing to IARIA conferences in various capacities. She currently serves as a steering committee member for both the Advances in Societal Digital Transformation (DIGITAL) and the International Conference on Digital Society (ICDS). Her involvement extends to numerous roles, including session chair, reviewer, and participant in diverse panel discussions, where she has contributed both as a panelist and moderator.

In collaboration with Prof. Dr. Sibylle Kunz, Claudia is organizing the special track “PGAI: Productivity Gains by AI - Myth or Measurable?” for DIGITAL 2025 and 2026, which aims to explore the real-world impacts of AI on productivity, providing a platform for experts to distinguish between theoretical potential, wishful thinking and measurable outcomes.

**Publication in IARIA journals and IARIA conference proceedings include:**

Hess, C., Steffen, A., Kunz, S. and Heinisch, C. (2025). **Exploring the Influence of Technology Exposure on Computer Science Self-Concept: A study among young adults in Germany.** In C. Hess & S. Kunz (Eds.):

Proceedings of Advances on Societal Digital Transformation (DIGITAL 2025), pp.33-38. July 2025, Venice, Italy. [https://www.thinkmind.org/library/DIGITAL/DIGITAL\\_2025/digital\\_2025\\_2\\_40\\_10029.html](https://www.thinkmind.org/library/DIGITAL/DIGITAL_2025/digital_2025_2_40_10029.html)

Kunz S., & Hess, C. (2025). **Artificial Intelligence – Myth or Measurable? A systematic framework to determine AI-induced productivity gains.** In C. Hess & S. Kunz (Eds.): Proceedings of Advances on Societal Digital Transformation (DIGITAL 2025), pp.1-6. July 2025, Venice, Italy. [https://www.thinkmind.org/library/DIGITAL/DIGITAL\\_2025/digital\\_2025\\_1\\_10\\_18001.html](https://www.thinkmind.org/library/DIGITAL/DIGITAL_2025/digital_2025_1_10_18001.html)

Hess, C. & Kunz, S. (2024). **The Project Management Assistant that Never Sleeps - Using Generative Artificial Intelligence to Support Project Management Activities.** In: *International Journal On Advances in Software*, vol. 17(1&2), pp. 44-58, [https://www.thinkmind.org/library/Soft/Soft\\_v17\\_n12\\_2024/soft\\_v17\\_n12\\_2024\\_5.html](https://www.thinkmind.org/library/Soft/Soft_v17_n12_2024/soft_v17_n12_2024_5.html)

Kunz, S., & Hess, C. (2023). **Teachers, Reload Your Toolboxes: Using a Task Design Framework and ChatGPT to Generate Motivational Exercises for Female Learners in Computer Science.** In P. Dini (Ed.), *Proceedings of Advances on Societal Digital Transformation (DIGITAL 2023)*. S. 13-18. 25.-29.09.2023, Porto, Portugal. [https://www.thinkmind.org/articles/digital\\_2023\\_1\\_30\\_20017.pdf](https://www.thinkmind.org/articles/digital_2023_1_30_20017.pdf)

Hess, C., & Kunz, S. (2023). **Could ChatGPT be Your New Project Management Assistant? Using AI Chatbots to Support Project Management Tasks.** In P. Dini (Ed.), *Proceedings of Advances on Societal Digital Transformation (DIGITAL 2023)*. S. 1-7. 25.-29.09.2023, Porto, Portugal. [https://www.thinkmind.org/articles/digital\\_2023\\_1\\_10\\_20007.pdf](https://www.thinkmind.org/articles/digital_2023_1_10_20007.pdf)

**These publications have received the “Best Paper Award” from IARIA:**

Kunz S., & Hess, C. (2025). **Artificial Intelligence – Myth or Measurable? A systematic framework to determine AI-induced productivity gains.** In C. Hess & S. Kunz (Eds.): Proceedings of Advances on Societal Digital Transformation (DIGITAL 2025), pp.1-6. July 2025, Venice, Italy. [https://www.thinkmind.org/library/DIGITAL/DIGITAL\\_2025/digital\\_2025\\_1\\_10\\_18001.html](https://www.thinkmind.org/library/DIGITAL/DIGITAL_2025/digital_2025_1_10_18001.html)

Hess, C., & Kunz, S. (2023). **Could ChatGPT be Your New Project Management Assistant? Using AI Chatbots to Support Project Management Tasks.** In P. Dini (Ed.), *Proceedings of Advances on Societal Digital Transformation (DIGITAL 2023)*. S. 1-7. 25.-29.09.2023, Porto, Portugal. [https://www.thinkmind.org/articles/digital\\_2023\\_1\\_10\\_20007.pdf](https://www.thinkmind.org/articles/digital_2023_1_10_20007.pdf)