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Nadine Bienefeld is a habilitated senior researcher and lecturer at the University of Lucerne's Faculty of Health Sciences and Medicine, where she leads research on Human-AI Teamwork in Healthcare. Her research establishes scientific foundations for the safe and effective integration of AI into clinical practice, drawing on over fifteen years of experience in high-reliability organizations. Prior to academia, she led the Human Factors division at Swiss International Airlines, advised the Swiss Civil Aviation Authority (FOCA) and the European Aviation and Space Association (EASA) on human factors, and conducted research at NASA's Human Systems Integration Division. Dr. Bienefeld also serves as Associate Researcher at the ETH AI Center and has been recognized among the Top 100 Women in AI & Data in Switzerland 2025.