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Moodle Logs Analytics. -- AI for Vocational Education and Training – Overview of Developments, Foci, and Gaps within 34 German Funding Projects. -- VET Teacher Training for AI in Specific Sectors in Spain. -- Personalized Learning of Programming Fundamentals through Robotic Simulations. -- Evaluating the Impact of Advanced LLM Techniques on AI Lecture Tutors for a Robotics Course. -- A Computerized Adaptive Competency-based Placement Test to Determine the Optimal Entry Point in Online Courses.

Sommario/riassunto

This book constitutes the proceedings of the First International Workshop on AI in Education and Educational Research, AIEER 2024, held in Santiago de Compostela, Spain, during October 19–20, 2024. The 16 full papers presented in this volumes were carefully reviewed and selected from 23 submissions. They focus on various aspects on AI applications in educational settings, particularly emphasizing the integration of Large Language Models (LLMs) and explainable AI (XAI).