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Autore	Antona Margherita
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Nota di contenuto	Universal Access Theory and Practice Interacting Physically with USB Cables: Are Type-C Connectors more Usable than Type-A? -- Insights into the Practical Implementation of Participation in Work in Sheltered Workshops in Germany: Potentials and Obstacles to Transitions to the General Labour Market -- Enhancing Universal Access to QoL Assessments: Integrating WHODAS 2.0 and Chatbots -- Personas of Autistic Office Workers: A Foundation for Developing Effective Assistive Technologies -- Integrating Automated Perforator Analysis for Breast

Reconstruction in Medical Imaging Workflow -- The Universal Design of ICT Maturity Model (UDMM) -- Evaluating Conformance of Video Safety Tools for Photosensitive Epilepsy -- Evaluating Cognitive Accessibility: Tools and Guidelines for Web Design -- Web Accessibility for the Elderly -- Exploring Stakeholder Perspectives on Measuring the Impact and Costs of Universal Design of Workplace ICT and the Consequences of Neglecting It -- Exploring the Technical and Cognitive Accessibility of Cookie Consent Banners for People with Varying Abilities -- Bridging Communication Gaps: Conceptual Enhancements for Video Conferencing with Autistic Users -- Multimodality and UI Adaptation A Proposal for an Adaptive Compiler Architecture and Design for Precision and Scale Aware Compilation Using Data-oriented Design -- Application of Multimodal Information Fusion in Intelligent Pedometers for Visually Impaired Children -- A Method for Selecting Characters by Moving Your Feet Back and Forth -- "Which Login Method Should I Choose?" A Comparison of User-selectable Two-Factor Authentication Technologies -- Evaluation of Open-Source Upper Limb Protheses Models for 3D Printing: Grasping Performance using Silicone Fingertips Covers -- Beyond Touchscreens: Dynamic and Multimodal Interaction Needs -- Universal Access and AI Artificial Intelligence and Assistive Technologies: A Systematic Review of Educational Applications for Disabilities -- Enhancing Communication for Individuals with Complex Communication Needs (CCN) through AI and Visual Scene Display Technology -- Clinical Annotation and Medical Image Anonymization for AI Model Training in Lung Cancer Detection -- Integration of Data Fusion and Deep Neural Networks for in-Vehicle Symbiotic HMI Design -- Automated Task Extraction from Emails: Aiding Autistic Individuals in the Workplace -- Design and Evaluation of LLM-Based Conversational Virtual Characters to Assist Adults with ADHD -- Exploring the Inclusive Potential of AI Chatbots: Engagement and Barriers in Foreign Language Training -- Modular Dynamic Neural Network with Swin Transformer and AutoML.

Sommario/riassunto

This 2-volume set LNCS 15780-15781 constitutes the refereed proceedings of the 19th International Conference on Universal Access in Human-Computer Interaction, UAHCI 2025, held as part of the 27th International Conference, HCI International 2025, in Gothenburg, Sweden during June 22nd to 27th, 2025. The total of 1430 papers and 355 posters included in the HCII 2025 proceedings was carefully reviewed and selected from 7972 submissions. The two volumes cover topics as follows: Universal Access Theory and Practice Multimodality and UI Adaptation Universal Access and AI Inclusive Virtual and Augmented Reality Inclusive Learning and Playing.
