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Nota di contenuto	-- Trust and Explainability in Human-AI Interaction. -- Assessing Conversational Capabilities of Explanatory AI Interfaces. -- Advancing XAI Development: An Agile Framework for Human-Centered and Explainable AI. -- How to Explain it to a Data Scientist? A Mixed-Methods User Study About Explainable AI, Using Mental Models for Explanations. -- What Makes People Use Social Robots? Integrating Trustworthiness Into the UTAUT Model. -- Means to an End: Assessing

the Validity of Trust in Automation Scales in Artificial Intelligence Vignettes. -- Trust Calibration for Joint Human / AI Decision-making in Dynamic and Uncertain Contexts. -- Examining Trust in Facial Recognition Systems in Mongolia. -- User Perceptions, Acceptance, and Engagement with AI. -- Tracking Individual Beliefs in Co-Situated Groups Using Multimodal Input. -- Ensuring Acceptance of Surveillance through AI-supported Radar Technology. -- Effects of Increased Usage of Artificial Intelligence (AI) Technology on User's Perception of Dependency on Chatbots and Smart Home Systems. -- Exploring Trends of Acceptance of Artificial Intelligence in Education: A Systematic Literature Review. -- Exploring Older Adults' Experiences, Motivations and Preferences in Learning About Artificial Intelligence. -- AI, My Financial Advisor? : Expectations for AI-Driven Pension Management Services. -- Investigating Student Behaviors in Multimodal AIGC-Enhanced Design Education: An HCI-Based Innovative Learning Model. -- The Influence of Children's Temperaments on Acceptance of Artificial Intelligence in 3-7 Year Olds. -- Exploring the Role Imagery Preference of Medical Virtual Agents Developed through Prompt Engineering for the Chinese Elderly: A Mixed-Methods Study. -- UX and Socio-Technical Considerations in AI. -- AI and Self-Reflection. -- Research on Behavioral Performance-Based Interactive Generative Design and Optimization Methods for Community Micro Spaces. -- Limitations and Best Practices for the Design of Computer-aided Interpretation Tools. -- Towards Socio-Technical Evaluation for Artificial Intelligence in Policing. -- Human-AI Interaction Design Guidelines for Process Optimization in Manufacturing. -- The Impact of Different Skin Colors on the Accuracy of Photoplethysmography (PPG) Oxygen Saturation Measurement Techniques and Research on Correction Algorithms. -- Exploratory Investigation of Electrodermal Activity in Learning from a Large Language Model Versus from Curated Texts. -- Optimising Tab Management with Machine Learning to Improve User Experience. -- Interpersonal Trust in the Presence of Generative AI. -- Artificial Intelligence, Human AI Loop Paradigm and Artificial Reasoning. -- State-of-the-Art UX Frameworks for Human-Centered AI in Generative AI Systems: a Systematic Literature Review.

Sommario/riassunto

The four-volume set LNAI 15819–15822 constitutes the thoroughly refereed proceedings of the 6th International Conference on Artificial Intelligence in HCI, AI-HCI 2025, held as part of the 27th International Conference, HCI International 2025, which took place in Gothenburg, Sweden, June 22-17, 2025. The total of 1430 papers and 355 posters included in the HCII 2025 proceedings was carefully reviewed and selected from 7972 submissions. The papers have been organized in topical sections as follows: Part I: Trust and Explainability in Human-AI Interaction; User Perceptions, Acceptance, and Engagement with AI; UX and Socio-Technical Considerations in AI Part II: Bias Mitigation and Ethics in AI Systems; Human-AI Collaboration and Teaming; Chatbots and AI-Driven Conversational Agents; AI in Language Processing and Communication. Part III: Generative AI in HCI; Human-LLM Interactions and UX Considerations; Everyday AI: Enhancing Culture, Well-Being, and Urban Living. Part IV: AI-Driven Creativity: Applications and Challenges; AI in Industry, Automation, and Robotics; Human-Centered AI and Machine Learning Technologies.