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Nota di contenuto	Artificial Intelligence in Cultural Heritage and Creativity: AIGC-Driven Innovative Design Education Based on Material Experience & Cultural Context -- Research on the Application of AIGC Imaging in Elderly Well-being in Different Cultural Fields -- Research on AIGC Empowering Traditional Intangible Cultural Heritage Yue Embroidery to Modern Tourism Souvenir Design and Application -- AIGC and Animated Films: An Empirical Study on Emotional Analysis and Cultural Adaptation -- Supporting Cultural Innovation Design with AIGC: A Case Study of Educational Activities -- Research on the Path of AIGC Assisted Art Design Creation for Non Art Design Majors -- Designers vs. AI: Exploring Creative Processes from Prompts to Outputs -- Research on

the Protection and Communication of Guangdong Traditional Ceramic Design Culture Based on AIGC Technology -- AI Applications in Chinese Ink Painting: A Preliminary Study of Halong Bay Landscapes -- A Study of Audience's Emotional Perception of AIGC Movies. Cross-Cultural Generative AI: Research on the Response Mechanism of AI-Generated Police-Related Public Opinion Content in New Media from the Perspective of National Security -- Do Designers Generate Ideas Better with a Team of Specialized AI Agents or a General AI Agent? -- Research on Consumers' Cognitive Behavior When Watching AI-generated Videos on VR Wearable Devices -- AIGC-Research on the Value Innovation of Pineapple Leaf Fiber Products -- Exploring AIGC Integration in Wooden Craft Design: A Case Study on "Wings of Pen—Taiwan Barbet Edition " -- A Study of Viewers' Emotional Perceptions of AIGC Animation -- An Example of a Review of an Award-winning Short Film -- Chinese College Students' Usage, Evaluation, Perception and Attitude Toward Generative AI in English as a Foreign Language Writing -- "Let My AI Talk to Me": The Impacts of Information Conveying Style of Multi-Agents on User Evaluation and Disclosure -- How Do We Team Up? Human-Machine Co-Driving Style Assessment Through Visual Dynamic Analysis and Vision-Language Model. AI Applications and Sustainable Innovation: Integrating Smart Technologies for An Enhanced Energy Management System at in-Sense Lab of Feng Chia University -- "How Do You Understand? Your Eyes Show It": Explainable Artificial Intelligence for Cross-Language Comprehension Prediction Through Eye Movement -- Research on Interactive Design Strategies of Rural Landscape from the Perspective of Integration of Digital Technology and Artificial Intelligence -- A Study of Emotional Tendencies' Differences in Reply Texts between Local and International Chatbots: An Analysis based on the Sina News Context -- Feasibility of Implementing Local Renewable Energy Policies: A Case Study of Rooftop Solar Photovoltaics in Taichung City -- Interdisciplinary Co-Design with LLM-Based Multi-Agents: A Human-AI Platform for Complex Design Challenges -- Cross-cultural Integration Design: Intelligent Interactive Reconstruction of She Traditional Village Facilities -- Decoding Acceptance: Exploring Chinese University Students' Perspectives on Facial Recognition Payment Systems.

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### Sommario/riassunto

This four-volume set LNCS 15782-15785 constitutes the refereed proceedings of the 17th International Conference on Cross-Cultural Design, CCD 2025, held as part of the 27th International Conference on Human-Computer Interaction, HCII 2025, in Gothenburg, Sweden, during June 22-27, 2025. The total of 1430 papers and 355 posters included in the HCII 2025 proceedings was carefully reviewed and selected from 7972 submissions. The four volumes cover the following topics: Part I: Cross-cultural user experience and design; cross-cultural emotional and psychological factors in interaction; and cross-cultural usability and interaction design. Part II: Artificial intelligence in cultural heritage and creativity; cross-cultural generative AI; and AI applications and sustainable innovation. Part III: Cross-cultural arts and aesthetics; cross-cultural social innovation; automotive and transportation user experience; and cross-cultural design and cultural heritage. Part IV: Digital learning, STEM education and AI-driven pedagogy; smart systems, intelligent interaction and user perception; and cross-cultural health and wellbeing.

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