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Sommario/riassunto	The 16-volume set LNCS 16331–16346 constitutes late breaking papers from the 27th International Conference on Human-Computer Interaction, HCI International 2025, held in Gothenburg, Sweden, during June 22-27, 2025. 439 papers and 104 posters were included in the volumes of the proceedings published after the conference, as “Late Breaking Work”. The papers were organized in topical sections as follows: Part I: Theoretical and Conceptual Advances in HCI; and User Interface and Interaction Design; Design for Inclusivity and Social Impact. Part II: Robotics, Embodied Agents, and Human-Robot Interaction; Smart Environments and Manufacturing Systems; Human-AI Interaction and Generative AI in Design; and Ethics, Privacy and Sustainability in Digital Systems. Part III: Human Experience in Virtual Environments; Human Factors in Intelligent and Autonomous Systems; and Computational Methods for Human Behavior Analysis. Part IV:

Human Performance and Safety in Aviation; Human-Automation Teaming; Eye Tracking, Cognition, and Situation Awareness; and Innovations in Adaptive and Responsive Environments. Part V: Accessibility and Inclusive Interaction Design; Accessibility and Innovations in Intelligent Environments; and Human-Centered Technologies for Autism and Neurodiverse Populations. Part VI: Designing for Positive Change: Well-Being, Inclusion, and Social Impact; Cross-Cultural and Creative Design Futures; Design and Engineering of Mobility Experiences; and Human Factors, Safety, and Driver Assistance. Part VII: Social Media, Society, and Digital Communities; LLMs and Intelligent Agents in Social Computing and Security; Understanding User Behavior in Social Computing; and Security, Privacy, and Trust in Digital Environments. Part VIII: Frameworks and Computational Methods in XR; Human Factors and User Experience in XR; XR, Culture, and Immersive Heritage Experiences; Extended Reality in Healthcare and Medical Training; and Serious Games and Interactive Narratives. Part IX: Ergonomics and Digital Human Modeling; Digital Human Modeling in Fashion and Textiles; Artificial Intelligence and Smart Services in Digital Human Modeling; and Health Monitoring, Decision-Making, and Care Optimization. Part X: Generational Differences and Technology Acceptance in Older Adults; Healthy Lifestyle, Physical Activity, and Active Aging; Cognitive Health, Well-Being; and Preventive Care; Intelligent Systems, Safety, and Aging in Place; and Artificial Intelligence in Healthcare and Well-Being. Part XI: User Experience and Interaction for Positive Social Impact; User Experience Methods, Tools, and Metrics; User Experience in Education and Learning; and User Experience in Digital Heritage and Art. Part XII: User Experience in Product and Service Design; User Experience, AI, and Emerging Applications; Digital Innovation and Interactive Design for Cultural Heritage; and Technology-Driven Cultural Shifts: AI, Metaverse, and Digital Society. Part XIII: Human-Centered Perspectives on New Technologies Adoption and Impact; AI-Empowered Ageing, Education, and Healthcare; Advances in Commerce, Marketing, and Consumer Behavior; and Digital Transformation of Business and Governance. Part XIV: Immersive Technologies for Learning; Inclusive and Collaborative Learning Design; Adaptive Instructional Systems; AI, Data, and Intelligent Support in Education. Part XV: Human-Centered Artificial Intelligence: Frameworks and Lessons Learned; Frameworks and Approaches for Trustworthy and Explainable AI; Large Language Models – Capabilities, Biases, and Applications. Part XVI: Generative AI in Creativity and Design; Human-AI Interaction and Collaboration; and Mobile Technologies for Health, Education, and Digital Engagement.
