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Nota di contenuto	HCI in Automated Vehicles and Automotive: What Humans Should Be Thinking While Driving: Method for Integration of Driver Cognitive Load Information with Map Data -- The Role of UI/UX Designs for Enhancing Safety and Motorcycle Riders' Experience -- Challenges and Opportunities of Automotive HMI -- The History of Automotive Human-Machine Interaction: Seven Directions of Evolution -- How Do Different HMIs of Autonomous Driving Monitoring Systems Influence the Perceived Safety of Robotaxis Passengers? A Field Study -- Better Together: Anthropomorphic Assistant Avatars and Empathetic Voice Interventions for Emotion Regulation -- Unlock your Trust: Experiencing a Biophilic Autonomous Driving Through Gamification -- An Interactive Game for Improved Driving Behaviour Experience and Decision Support -- Analyzing Usage Behavior and Preferences of Drivers Regarding Shared Automated Vehicles: Insights from an Online Survey -- Research on Slow-Moving Transportation Scenarios in Large Suburban Campuses from the Perspective of Autonomous Vehicle-based Mobility Service Design -- Exploring the Perceived Cognitive

Workload: The Impact of Various Scenarios and Emotions on a Driving Simulator -- Design of Automotive Interior and Human-computer Interaction for Time-sharing Rental: A Chinese Study -- A Unified Framework for Hierarchical Pedestrian Behavior Generation in Urban Scenario. HCI in Aviation, Transport and Safety: RPAS over the Blue: Investigating Key Human Factors in Successful UAV Operations -- Piloting Continuous Neurophysiological Monitoring for Adapted Training of Public Safety Officers -- A Pilot Approach and Landing Workload Assessment Method for Flight Crew Workload Airworthiness Certification -- Wing of Wisdom: Learning from Pilot Decision Data with Interpretable AI Models -- Enhancing Safety in Business and General Aviation with Real-Time Aircraft Telemetry -- Which Train Should Be Stopped First? The Impact of Working Memory Capacity and Relative Risk Level on Priority Judgment of High-Speed Railway Dispatchers During Emergency -- Field Trials of an AI-AR-based System for Remote Bridge Inspection by Drone -- Proactive Workload Estimation for Pilots -- CRM for Providing Distress Assistance with Real-Time Aircraft Telemetry – DART -- The Devil Between the Details: Limitations of Probability-Based Approaches to Human Error -- Detection of Arousal of Pilots in Event-related Heart Rate Responses -- “Emerging Technologies in Aviation Competency-Based Training and Assessment Framework: The Simulated Air Traffic Control Environment (SATCE) Influence in Communications Competency”.

Sommario/riassunto

This nine-volume set LNCS 15473-15482 constitutes the proceedings of the 26th International Conference, HCI International 2023, in Washington, DC, USA, in June/July 2024. For the HCCII 2024 proceedings, a total of 1271 papers and 309 posters was carefully reviewed and selected from 5108 submissions. Additionally, 222 papers and 104 posters are included in the volumes of the proceedings published after the conference, as “Late Breaking Work”. These papers were organized in the following topical sections: HCI Theories, Methods and Tools; Multimodal Interaction; Interacting with Chatbots and Generative AI; Interacting in Social Media; Fintech, Consumer Behavior and the Business Environment; Design for Health and Wellbeing; Ergonomics and Digital Human Modelling; Virtual Experiences in XR and the Metaverse; Playing Experiences; Design for Learning; New Cultural and Tourism Experiences; Accessibility and Design for All; Design for Older Adults; User Experience Design and Evaluation: Novel Approaches and Case Studies; Safety, Security and Privacy; HCI in Automated Vehicles and Automotive; HCI in Aviation, Transport and Safety; Human-Centered AI; AI for Decision Making and Sentiment Analysis.
