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Soggetti	User interfaces (Computer systems) Human-computer interaction Electronic commerce Application software Robotics Software engineering User Interfaces and Human Computer Interaction e-Commerce and e-Business Computer and Information Systems Applications Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Human-Autonomous Vehicle Interaction and User Experience Exploring the Layout and Interaction Requirements of Multi-Screen Interfaces in In-Vehicle Infotainment Systems for Electric Vehicles Using IPA and Kano Models -- Research Hotspots and Trends of Human-Machine Interface Design in Autonomous Vehicles: A Bibliometric Analysis -- Effective Information Transfer in Autonomous Vehicle Systems: Simultaneous vs. Sequential Approaches -- AV-TLX for Measuring (Mental) Workload While Driving Avs: Born From NASA-TLX but Developed for the Era of Automated Vehicles -- Co-Designing with Experts: Exploring Scenarios for Haptic-Enhanced Virtual Reality in

Automotive HMI Design -- Improving Driving Performance in Difficult Driving Scenarios Using Personalized Real-Time Neurofeedback -- Harmonization of Shared Control within SAE International J3016 Standard and Dimensioning of Haptic Shared Control in Automated Driving -- Research on Fatigue Assessment Method under Long-Endurance Simulated Flight Missions -- Flowing Landscapes: A Motion-Synced In-Car VR Mindfulness Experience with Biofeedback-Driven Adjustments for Motion Sickness -- User Interfaces and Interaction Methods for Mobility Towards a Web Application to Support Communication in Mobility, Dedicated to People with Cerebral Palsy -- CodeCharts and AI as Alternatives to On-Site Eyetracking for Vehicle Design Evaluation -- Semantic Modelling of User and System Context for Control Centers -- Optimized User Experience for Labeling Systems for Predictive Maintenance Applications -- Integration of Human Operators in Highly Automatable Systems: A Discussion on the Role of Automation and Human Involvement in Large-scale Civil Engineering Machinery -- Impact of the Use of a Virtual Assistant on Driver Stress -- Trends in Human-Computer Interaction in Mobility for Users with Special Needs -- A Literature Review -- Park-an: A Cloud-based Service for Parking Pressure Analysis Based on Open and Municipal Data -- Analysis of User Interactions with an Innovative Passenger Information System during Field Test.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 7th International Conference on HCI in Mobility, Transport, and Automotive Systems, MobiTAS 2025, held as part of the 27th HCI International Conference, HCII 2025, which took place in Gothenburg, Sweden, during June 22–27, 2025. A total of 1430 papers and 355 posters included in the HCII 2025 proceedings was carefully reviewed and selected from 7972 submissions. The MobiTAS 2025 proceedings were organized in the following topical sections- Human-Autonomous Vehicle Interaction and User Experience; User Interfaces and Interaction Methods for Mobility; Trust, Transparency, and Comfort in Automated Driving; Pedestrian Interaction and Road Safety in Automated Mobility.

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