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Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14410
Disciplina	006.8
Soggetti	Image processing - Digital techniques Computer vision Software engineering Application software User interfaces (Computer systems) Human-computer interaction Computer networks Computers, Special purpose Computer Imaging, Vision, Pattern Recognition and Graphics Software Engineering Computer and Information Systems Applications User Interfaces and Human Computer Interaction Computer Communication Networks Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A model for assessing and sorting virtual locomotion techniques according to their fidelity to real walking -- The WalkingSeat: a Leaning Interface for Locomotion in Virtual Environments -- Ubiquity of VR: Towards Investigating Ways of Interrupting VR Users to Obtain their Attention in Public Spaces -- Rhythmic Stimuli and Time Experience in Virtual Reality -- A Mixed Reality Setup for Prototyping Holographic

Cockpit Instruments -- AR Patterns: Event-driven Design Patterns in Creating Augmented Reality Experiences -- Collaborative VR Anatomy Atlas -- An open-source fine-grained benchmarking platform for wireless virtual reality -- 3D molecules visualization with XRmol: an AR web tool for mobile devices -- Correlations of Flow, Usability, Workload and Presence with Task Performance in a Spatially Distributed Memory Task -- Evaluating the Worker Technology Acceptance of a Mixed Reality Technical Documentation -- Changes in concentration performance after short-term virtual reality training in e-athletes -- Biophilic Design of Virtual Workplaces: Effect of Animations on User Attention -- XR for First Responders: Concepts, Challenges and Future Potential of Immersive Training.

Sommario/riassunto

This book constitutes the refereed proceedings of the 20th International Conference on Virtual Reality and Mixed Reality, EuroXR 2023, held in Rotterdam, the Netherlands, during November 29-December 1, 2023. The 14 full papers presented together with 2 short papers were carefully reviewed and selected from 42 submissions. The papers are grouped into the following topics: Interaction in Virtual Reality; Designing XR Experiences; and Human Factors in VR: Performance, Acceptance, and Design.
