1. Record Nr. UNIORUON00307993

Autore	YAMADA Amy
Titolo	Bedtime eyes / Amy Yamada ; translated by Yumi Gunji and Marc Jardine
Pubbl/distr/stampa	New York, : St. Martin's Press, 2006
ISBN	03-12-35226-3
Descrizione fisica	218 p. ; 20 cm
Classificazione	GIA VI BA
Soggetti	LETTERATURA GIAPPONESE - NARRATIVA - SEC. XX
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910488700903321

Titolo	Advances in Human Factors and System Interactions : Proceedings of the AHFE 2021 Virtual Conference on Human Factors and Systems Interaction, July 25-29, 2021, USA / / edited by Isabel L. Nunes
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-79816-X
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (276 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 265
Disciplina	620.82
Soggetti	Cooperating objects (Computer systems) User interfaces (Computer systems) Human-computer interaction Electronics Cyber-Physical Systems User Interfaces and Human Computer Interaction Electronics and Microelectronics, Instrumentation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Advances in Human Factors and Ergonomics 2021 -- Preface -- Contents -- Security and Crises Management -- Mental Traps Behind Maritime Disasters -- 1 Introduction -- 2 Background -- 3 Disaster Analysis -- 4 Results -- 5 Conclusions -- References -- Preliminary Evaluation of Multi-criteria Decision-Making Methodology for Emergency Management -- 1 Introduction -- 2 Background -- 3 Multi-criteria Decision-Making (MCDM) -- 4 Discussion -- 5 Conclusion -- References -- Linked Open Data Supporting Semantic Integration and Collaboration in Disaster Management Cycle -- 1 Introduction -- 2 Background -- 3 Related Work -- 4 Linked Open Data in Disaster Management -- 5 Conclusion -- References -- Human Factors Impact in the Security and Safety of the Maritime Domain -- 1 Introduction -- 2 Background -- 3 Examples of Initiatives and Best Practices -- 4 Conclusions -- References -- Complex Human-System Interactions -- Technology, Growth and Inequality: An agent-based model of Micro Transactional Behaviors and Meso Technology Networks for Macroeconomic Growth -- 1 Introduction -- 2 Related Work -- 2.1 Macro and Microeconomics -- 2.2 Inequality -- 3 Model Design -- 3.1 Dynamic Behavioral Simulation -- 4 Results -- 4.1 Baseline - Game Behavior -- 4.2 Baseline - System Phase Portraits -- 4.3 Scenario - Fully Connected Network Typologies -- 4.4 Sensitivity -- 5 Conclusions -- References -- Physical Exertion and Prevalence Assessment of Musculoskeletal Disorders Among Brush Cutter Operators -- 1 Introduction -- 2 Method -- 2.1 Study Location and Sample -- 2.2 Questionnaire -- 2.3 Physiological Measures - Heart Rate -- 2.4 Data Analysis -- 3 Results and Discussion -- 3.1 Self-reported Symptoms -- 3.2 Associations Between Demographic/Work-Related Characteristics and MSDs Symptoms Reported by Body Region -- 3.3 Workload Assessment -- 4 Conclusion. References -- Comparative Studies of the Variations in the Spatial Location Processes Generated by a Weak-Visual Person in Two Works Systems -- 1 Introduction -- 2 Process Description -- 2.1 Methodology -- 3 Results -- 4 Conclusions -- References -- The Hierarchy in the Temporary Interaction Micro-processes that Precede the Breaking Points of Focal Attention in an Object of the New Media -- 1 Introduction -- 2 Process Description -- 2.1 Methodology -- 3 Results -- 4 Conclusions -- References -- User Experience, Affordance and Technology -- Comparison of Touch and Touchless Zoom Control Methods for Single-Handed Mobile Interaction -- 1 Introduction -- 2 Related Work -- 3 Method -- 3.1 Participants -- 3.2 Apparatus -- 3.3 Procedure -- 3.4 Design -- 4 Results and Discussion -- 4.1 Completion Time -- 4.2 Efficiency -- 4.3 Participant Feedback -- 5 Conclusion -- References -- The Influence of Icon Color and Style on Mobile Menu Icon Search -- 1 Introduction -- 1.1 Icons -- 1.2 Visual Search -- 2 Content and Hypothesis -- 3 Study 1 -- 3.1 Icons Recognition -- 3.2 Subjects -- 3.3 Procedure -- 3.4 Results -- 4 Study 2 -- 4.1 Subjective Experiment -- 4.2 Procedures -- 4.3 Results -- 5 Conclusion and Discussion -- 5.1 Conclusion -- 5.2 Discussion -- References -- A Complex Form Design to Improve the Efficiency and Emotional Experience During Information Entry -- 1 Introduction -- 2 Choose the Right Form Type -- 3 Choose a Reasonable Layout -- 4 Help and Guidance -- 5 Feedback and Verification -- 5.1 Real-Time Verification -- 5.2 Feedback -- 5.3 The Reason for the Failure of the Audit Result Should Be Clearly Informed -- 6 Conclusion --

References -- Assistive Technologies and Accessibility -- Improving On-Campus Digital Mental Health Support for Underrepresented University Students -- 1 Introduction -- 2 Related Work -- 3 Methods -- 4 Results.
5 Conclusion and Future Work -- References -- Sensor-Based Toilet Instructions for People with Dementia -- 1 Introduction -- 2 State of the Art -- 3 Methodology -- 3.1 Feature Definition -- 3.2 Feature Detection -- 3.3 Interaction Module -- 3.4 Toileting Guide -- 4 Results and Discussion -- 5 Conclusion -- References -- Software for Diagnostics of Mitral Valve Prolapse: Economic Implications -- 1 Introduction -- 2 Previous Research -- 3 Proposed Innovative Solution: Software for MVP Diagnostics -- 4 MVP Software Economic Appraisal -- 5 Conclusion -- References -- Assessing the Emotional Reaction to Negative Pictures Through Electrodermal Activity Data -- 1 Introduction -- 2 Methods -- 2.1 Sample Definition and Characterization -- 2.2 EDA Data Acquisition -- 2.3 Processing and Data Analysis -- 2.4 Statistical Analysis -- 3 Results -- 4 Discussion -- 5 Conclusion -- References -- Identifying Government Funds to Help People with Disabilities: An Analytical Process -- 1 Introduction -- 2 Methodology -- 3 Results -- 4 Conclusion -- References -- Smart Manufacturing -- A Fuzzy Inference Model for Social-Sustainability Production Planning -- 1 Introduction -- 2 Production Planning from a Social-Perspective -- 3 Concept of the Fuzzy Inference Model -- 4 Scope of the Case Study -- 5 Results of the Case Study -- 6 Conclusion and Future Work -- References -- A First Approach for Implementing a Telepresence Robot in an Industrial Environment -- 1 Introduction -- 2 Related Work -- 3 Requirements and Scenarios for a TPR on the Shopfloor -- 3.1 Preliminary Test 1 Virtual Tour -- 3.2 Preliminary Test 2 Remote Instructions -- 3.3 Expert Workshop -- 4 Conclusion -- References -- How Workers Perceive LAEVO Exoskeleton Use in Non-cyclic Tasks -- 1 Introduction -- 2 Methods -- 2.1 Participant's and Workplace Selection -- 2.2 Passive Exoskeleton.
2.3 Testing Procedure and Materials -- 3 Results and Discussion -- 4 Conclusions -- References -- Human-Centered Design of Digital Assistance Systems in Smart Factories Based on Quality Function Deployment -- 1 Introduction -- 2 Basic Work and Terminology -- 2.1 Manual Assembly and Digital Assistance Systems -- 2.2 Design Elements of Digital Assistance Systems -- 2.3 Human-Centered Design and Quality Function Deployment -- 2.4 Research Gaps and Approach -- 3 Approach -- 4 Human-Centered Design of Digital Assistance Systems -- 5 Conclusion and Outlook -- References -- Human Functions in Organizational Systems -- Women's Operational Vulnerability and Risk in Ghanaian Business Systems: A Case Study of "Kayayei" in Accra, Ghana -- 1 Introduction/Background -- 2 Methodology -- 3 Findings and Discussion -- 3.1 Demographic Characteristics of Female Head Porters -- 3.2 Objective 1: Harassment Faced by Female Head Porters -- 3.3 Objective 2: The Effect of Harassment on Productivity -- 3.4 Objective 3: The Reproductive Health Challenges Faced by the Head Porters -- 4 Discussion -- 5 Conclusion -- References -- A Post-mortem Analysis of a Merger and a Rightsizing Exercise: The Case of Ecobank Ghana Limited and the Trust Bank Limited -- 1 Introduction -- 2 Methodology -- 3 Findings and Discussion -- 3.1 The Effect of Merger on Role Changes of Survivors -- 3.2 The Effect of Merging and Rightsizing on the Productivity of Survivors -- 3.3 Effect of Rightsizing on Workload of Survivors -- 3.4 Effect of Merger on the Efficiency of the Merged Bank -- 4 Conclusion -- References -- Client's Quality

Assessment of Digital Transaction Platforms Interactivenesses in a Covid-19 E-Commerce Business Environment -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 4 Results and Analysis -- 4.1 Analysis of Factors Predictive of Clients' Excitement of Digital Platforms. 4.2 Analysis of Excitement Premium Levels of Digital Platforms Factors -- 4.3 Analysis of Excitement Premium of Digital Platforms Based on Gender -- 5 Conclusion -- References -- Human Systems and Transportation Applications -- Exploring Pilot Workload During Professional Pilot Primary Training and Development: A Feasibility Study -- 1 Introduction -- 2 Materials and Methods -- 3 Results -- 4 Conclusion -- References -- Digitalization of Railway Maintenance: A Situation Awareness Perspective -- 1 Introduction -- 2 Why Digitalization? -- 3 Making Sense of Large Amounts of Data -- 3.1 Working with Uncertain Data -- 3.2 Limitations Inherent to Technologies -- 3.3 Human-Technology Collaboration -- 3.4 Remaining Challenges and the Way Forward -- 4 Conclusions -- References -- Updating Parameters of Fitts' Law Based on Multi Monitor Command and Control System -- 1 Introduction -- 2 Experimentation -- 2.1 Subjects -- 2.2 Apparatus -- 2.3 Procedure -- 2.4 Data Processing -- 3 Results -- 4 Conclusion -- References -- Accessible and Inclusive Technology -- Digital Resources and Children's Learning: Parental Perception During the Pandemic -- 1 Introduction -- 1.1 Education, Parents and Technologies -- 1.2 Digital Tools and Resources for Education in Times of Pandemic -- 2 Material and Methods -- 3 Results -- 4 Conclusions -- References -- Towards the Development of Serious Games Accessible for Users with Cognitive Disabilities -- 1 Introduction -- 2 Background and Related Work -- 3 Method and Case Study -- 4 Results and Discussion -- 5 Conclusions and Future Works -- References -- Towards Accessibility Assessment with a Combined Approach for Native Mobile Applications -- 1 Introduction -- 2 Background and Related Work -- 3 Method and Case Study -- 4 Results and Discussion -- 5 Conclusions and Future Works -- References.
Challenges of Web Accessibility in a Health Application to Predict Neonatal Mortality - The Score Bebe ®.

Sommario/riassunto

This book reports on innovative system interfaces, with a special emphasis on their design, development and testing, and on improving the interaction and integration with the users. Focusing on the advantages and challenges of virtual, augmented and mixed reality systems, it describes novel interface technologies, together with cutting-edge strategies for improving usability and accessibility, and cover a wide range of applications from business organization to disaster and crises management, from smart manufacturing to assistive technologies and transportation. Based on the AHFE 2021 Conference on Human Factors and Systems Interaction, held virtually on July 25–29, 2021, from USA, the book offers a timely survey on systems interfaces for a more efficient and safer human-system integration, addressing systems engineers, UX researchers and technology users alike.