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Nota di contenuto	Intro -- Preface -- IEA2021 Acknowledgements -- Organization -- IEA2021 Organizing Committee -- IEA2021 Congress Chair -- Technical Program Committee Co-chairs -- Media Outreach -- Developing Countries -- ePosters Coordinator -- Exhibits Coordinator

-- Early Career Researcher Program Coordinator -- Media Relations -- Events/Social -- French Language Coordinator -- Communications Coordinator -- EasyChair Platform Technical Liaison -- Scientific Committee of IEA2021 -- Contents -- I Part I: Practitioner Cases (Edited by Ruud N. Pikaar) -- The Virtual World: A Challenge for On-Site Action in Ergonomics -- 1 Introduction -- 1.1 The Reasons Why -- 1.2 The Context -- 2 The Ergonomist Work Transformation -- 2.1 The Original Methodology -- 2.2 An Adapted Methodology -- 3 Results: The Practice in Action -- 3.1 First Action -- 3.2 Second Action -- 4 Discussion: Perceptions and Perspectives -- 5 Conclusions -- References -- Overcoming the Challenges of Remote Home Office Assessments -- 1 Introduction and Problem -- 2 Context -- 3 Actions -- 3.1 Market Research -- 3.2 Develop Virtual Office Assessment Process -- 3.3 Tried, Tested, and Put the Virtual Office Assessment to Market -- 3.4 Complete Assessments and Refine the Process -- 4 Outcomes -- 4.1 Market Research -- 4.2 The Virtual Office Assessment Process -- 4.3 Completing Assessments and Refining the Process -- 5 Discussion -- 6 Conclusion -- Reference -- Does a 12-hour Shift Affect Brazilian Workers' Mental and Physical Health? -- 1 Introduction -- 1.1 Impact of 12-hour Work Shift on Workers' Health -- 2 Methodology -- 2.1 Participants -- 2.2 Procedures -- 2.3 Instruments -- 3 Results -- 3.1 Sleep Assessment -- 3.2 Physical Health Assessment -- 3.3 Mental Health Assessment -- 3.4 Assessing the Perception of Work-Family Conflict -- 3.5 Work Shift Satisfaction -- 4 Discussion -- 5 Conclusion. References -- Evaluating Physical Work Load and Posture During Testing of Welding Points - Case Study -- 1 Background -- 1.1 Musculoskeletal Disorders -- 1.2 Work Situation -- 2 Objective -- 3 Methodology -- 4 Results -- 5 Discussion -- 6 Conclusion -- References -- Application of Participative Ergonomics in a Manufacturing Plant in the Health Area in Brazil -- 1 Introduction -- 2 Participatory Methodology -- 2.1 The Company -- 2.2 Participatory Methods -- 3 Results -- 4 Conclusion -- References -- Cases of Human Factors Engineering in Oil & Gas -- 1 Problem -- 1.1 The Value of Case Studies -- 1.2 Content of Case Studies -- 2 Actions - To Be Honest, It Wasn't Entirely Scientific! -- 3 Outcomes -- 3.1 Content for Control Center Design -- 3.2 Management of HF Activities -- 4 Discussion -- 5 Conclusion -- References -- HFE in Ever-Changing Industrial Scenario -- 1 Introduction -- 1.1 Problem Statement -- 1.2 Objective -- 2 Approach and Method -- 3 Results and Outcomes -- 3.1 Operation Lines Under Assessment -- 3.2 Outcome -- 3.3 Recommendations -- 4 Discussion -- 5 Conclusion -- References -- Teller's Workstation Design Project - Health and Wellbeing through Ergonomics -- 1 Main Message -- 2 Context -- 3 Actions -- 4 Outcomes -- 5 Discussion -- 6 Conclusion -- References -- Ergonomic Intervention in a Colombian Manufacturing Company: Successes and Failures -- 1 Introduction -- 2 Methods -- 3 Results -- 4 Discussions -- 5 Conclusions -- References -- Using SELR (Simplify-Enable-Leverage-Resource) to Develop Solutions to Identified Opportunities -- 1 Introduction -- 2 Background -- 3 Results -- 4 Discussion -- References -- The Immersion in Virtual Reality of Control Room Activity -- 1 Introduction -- 2 Methods -- 3 Results -- 4 Discussions -- 5 Conclusions -- References.

Ergonomics is Profitable - Experiences from a Holistic Manufacturing Plant Level Development Process -- 1 Ergonomics: A Driver of Development -- 1.1 Ergonomics as a System Perspective -- 1.2 Promoting Ergonomics -- 1.3 The Development Process of Production Facilities -- 2 Results -- 3 Discussion -- 4 Conclusion -- References

-- Using Knowledge Work Intensity Assessment to Improve the Effectiveness of Quality Assurance in New Drug Development -- 1 Introduction -- 2 Materials and Methods -- 3 Results -- 4 Discussion -- 5 Conclusions -- References -- Methods of Using the Lifting Fatigue Failure Tool (LiFFT) as an Ergonomic Assessment Tool in the Commercial Production of Turkey Eggs -- 1 Introduction -- 2 Methods -- 2.1 Task Descriptions -- 2.2 Analysis -- 3 Results -- 4 Discussion -- 5 Conclusion -- References -- Designing the BrainTagger Researcher Platform to Automate Development of Customized Cognitive Games -- 1 Introduction -- 1.1 Problem -- 2 Objective -- 3 Method -- 4 Results -- 5 Discussion -- 6 Conclusion -- References -- II Part II: Aerospace (Edited by Guy Andre Boy) -- Heart Rate, Heart Rate Variability and Subjective Workload of Commercial Pilots During Jet Airplane Handling Maneuvers -- 1 Introduction -- 2 Method -- 2.1 Procedure -- 2.2 Data Handling -- 3 Results -- 4 Discussion -- References -- Fatigue-Indicator in Operational Settings: Vocal Changes -- 1 Introduction -- 2 Methods -- 3 Results -- 4 Discussion -- 5 Conclusion -- References -- Fatigue Assessment Methods Applied to Air Traffic Control - A Bibliometric Analysis -- 1 Introduction -- 1.1 Problem Statement -- 1.2 Objective/Question -- 1.3 Methodology -- 2 Results -- 2.1 Identified Methods -- 2.2 Discussion -- 3 Conclusions -- References -- Comfort in the Regional Aircraft Cabin: Passenger Priorities -- 1 Introduction -- 2 Methodology -- 3 Results -- 4 Discussion -- 5 Conclusion. References -- Estimation of a Pilot's Workload In-Flight Using External Fluctuation Factors: An Experimental Approach Using a Flight Simulator -- 1 Introduction -- 2 Collecting Data Through Experiments -- 2.1 Identifying Factors that Increase the In-Flight Workload of the Pilot -- 2.2 Acquisition of Learning Data -- 3 Construction of Estimation Model -- 3.1 Processing of Collected Data -- 3.2 Model 1: Estimating Future Flight Data from Current Flight Data -- 3.3 Model 2: Estimating Workload Level from Physiological Indices -- 3.4 Model 3: Estimating Workload Level from Flight Data -- 4 Results -- 5 Verification of Proposed System -- 6 Conclusion -- References -- Single Pilot Operations Along the Human-Centered Design Lifecycle: Reviewing the Dedicated Support Concept -- 1 Introduction -- 1.1 Single Pilot Operations for Civil Commercial Aircraft -- 1.2 The Dedicated Support Concept of Single Pilot Operations -- 2 Method -- 2.1 Systematic Literature Review -- 2.2 Coding Categories and Data Analysis -- 2.3 Evaluation Regarding the Human-Centered Design ISO 9241-210 -- 3 Results -- 4 Discussion -- References -- Some Major Human Issues in Aerospace Engineering: Review and Extension -- 1 Introduction -- 2 Review -- 3 Extension -- 4 Conclusions -- References -- Statistical Modelling of Comfort Preferences and Uncertainty in Subjective Evaluations of Aircraft Seat Comfort -- 1 Introduction -- 2 Overview of Experiments -- 2.1 Statistical Data Analysis -- 3 Results -- 4 Discussion -- 5 Conclusions -- References -- A Staggered Seat is Beneficial for the Flying V Aircraft -- 1 Introduction -- 1.1 A New Aircraft: The Flying V -- 1.2 Staggered Seats -- 2 Overview of Comfort Study -- 2.1 Statistical Data Analysis -- 3 Results -- 4 Discussion -- 5 Conclusion -- References -- III Part III: Agriculture (Edited by Peter Lundqvist). Improvements of a Tractor Cab's Usability Based on Interaction Analysis and Ergonomics Adjustments -- 1 Problem Statement -- 2 Objective -- 3 Methodology -- 4 Results -- 4.1 Redesign of the Front Instrumental Panel -- 4.2 Redesign of the Levers Dashboard and Seat -- 5 Discussion -- 6 Conclusions -- References -- Agriculture in Transition: New Strategies for the Promotion of Occupational Health and Safety --

1 Introduction -- 1.1 Agriculture - A Risk Prone Industry -- 1.2 Agriculture in Transformation -- 1.3 The Need for New Perspectives -- 2 An Integrated Framework for Understanding and Promoting Occupational Health and Safety in Agriculture -- 2.1 A Starting Point -- 2.2 Hypotheses Emerging from the Theoretical Approach -- 2.3 Application of the Model -- 3 Conclusion -- References -- Manual Handling Task of Bovine Quarters Among Delivery Operators in a Chilean Slaughterhouse Company: A Case Study with Ergonomic Approximation -- 1 Introduction -- 2 Methodology -- 3 Results -- 3.1 Description of the Work Activity Analysis -- 3.2 Biomechanical Workload -- 3.3 Dynamic Physiological Workload -- 3.4 Determinants of Work Activity -- 4 Discussion -- 5 Conclusion -- References -- Development of Underground Posture Assessment Tool (UPAT) for Underground Enclosed Spaces: The Algerian Foggara as an Example -- 1 Introduction -- 2 Methods -- 2.1 Sample -- 2.2 Data Collection Tool -- 3 Results -- 3.1 First, the Development of an Ergonomics Assessment Tool for Working Postures in Confined Underground Spaces -- 3.2 Second, the Evaluation of Work Postures Adopted by Foggara Maintenance Workers While Performing the Work -- 4 Discussion -- 5 Conclusion -- References -- Ergonomics Intervention Program to Train Water Measurers (Al-Kayyals) for Work at Foggara Irrigation System in Algeria -- 1 Introduction -- 2 Methodology -- 2.1 Method -- 2.2 Sample -- 2.3 Tool. 3 Results.

Sommario/riassunto

This book presents the proceedings of the 21st Congress of the International Ergonomics Association (IEA 2021), held online on June 13-18, 2021. By highlighting the latest theories and models, as well as cutting-edge technologies and applications, and by combining findings from a range of disciplines including engineering, design, robotics, healthcare, management, computer science, human biology and behavioral science, it provides researchers and practitioners alike with a comprehensive, timely guide on human factors and ergonomics. It also offers an excellent source of innovative ideas to stimulate future discussions and developments aimed at applying knowledge and techniques to optimize system performance, while at the same time promoting the health, safety and wellbeing of individuals. The proceedings include papers from researchers and practitioners, scientists and physicians, institutional leaders, managers and policy makers that contribute to constructing the Human Factors and Ergonomics approach across a variety of methodologies, domains and productive sectors. This volume includes papers addressing the following topics: Transport Ergonomics and Human Factors, Practitioner Case Studies, Human Factors in Robotics, Manufacturing, Agriculture, HF/E in Supply Chain Design and Management, Aerospace, Building and Construction.
