

Studies in Systems, Decision and Control

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Occupational and Environmental Safety and Health V

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Editors

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Preface

Occupational and Environmental Safety and Health V is a compilation of the most recent work of some selected authors from eight countries within the occupational safety, health and ergonomics domain.

This book represents the state of the art, and it is mainly based on research carried out at universities and other research institutions, as well as some on-field interventions and case studies. It also features a section dedicated to reviewing papers for the first time in this series. Recognised experts prepared the chapters that compose it, which allow the reader to have a comprehensive and in-depth view of various subjects quickly.

Due to the broad scope, relevance and originality of the contributions, it is expected that this book contains valuable and up-to-date information, and it presents fundamental scientific research that is being carried out on the subject, as well as contributes to the outreach of practical tools and approaches currently used by OSH practitioners in a global context. All the included contributions were selected based on their potential to show the newest research and practices, giving visibility to emerging issues and presenting new solutions in occupational safety, health and ergonomics.

This book is based on selected contributions presented at the 20th edition of the International Symposium on Occupational Safety and Hygiene (SHO 2023), held on 20–21 July 2023, in Porto, Portugal.

All the contributions included in this book were previously peer-reviewed by at least two of the 103 members from 13 countries of the International Scientific Committee of the 2023 edition. The event is organised annually by the Portuguese Society of Occupational Safety and Hygiene (SPOSHO).

Editors would like to take this opportunity to thank their academic partners, namely the School of Engineering of the University of Minho, the Faculty of Engineering of the University of Porto, the Faculty of Human Kinetics of the University of Lisbon, the Polytechnic University of Catalonia and the Technical University of Delft. The editors also would like to thank the scientific sponsorship of several academic and

professional institutions, the official support of the Portuguese Authority for Working Conditions (ACT), and the valuable support of several companies and institutions. Finally, the editors also wish to thank all the reviewers who contributed critically, without whom it would not be possible to develop and publish the current book.

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