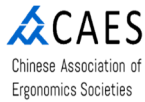




8th International Ergonomics Conference
ERGONOMICS 2020
 December 2 – 5, 2020, Zagreb, Croatia



Organizing Committee
 Chair
Davor Sumpor

Scientific Committee
 Chair
Goran Čubrić

Program Committee
 Chair
Tanja Jurčević Lulić

General
 Chair
Davor Sumpor

Review of the 8th International Ergonomics Conference - *ERGONOMICS 2020*

Dear colleagues and friends,

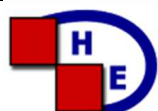
the 8th International Ergonomics Conference - *ERGONOMICS 2020* was held from 2-5 December 2020 at the University Campus Borongaj "ZUK Borongaj", in Zagreb, the capital of Croatia.

Ergonomics in Croatia has existed as a scientific and professional discipline for several decades. Let's remember that it all started in 1974 when Prof. Emeritus Dragutin Taboršak, PhD, the founder and the first president of the Croatian Ergonomics Society (CrES), established CrES in Croatia. The achievements as well as recent and relevant ideas in the field of ergonomics have been continuously discussed and exchanged with the international scientific community at the Conferences in the series "Ergonomics", along with other means of communication and networking.

The Conferences in the series "Ergonomics" have been organized by the (CES) from 2001 as part of CES objectives to promote ergonomics and exchange knowledge and experience with the scientific and professional community from Croatia and the world. The Conference traditionally brings together enthusiasts, experts and scientists from Croatia and from all over the world and they bring their know-how to the table.

This time, the Conference *ERGONOMICS 2020* is a joint project with our co-organizing partners:

- CAES (Chinese Association of Ergonomics Societies),
- CES (Chinese Ergonomics Society),
- ErgoWork (Romanian Society on Ergonomics and Workplace Management),
- EST (Ergonomics Society of Taiwan),
- HKES (Hong Kong Ergonomics Society),
- MET (Hungarian Ergonomics Society),



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- FPZ (Faculty of Transport and Traffic Sciences), University of Zagreb, Croatia
- FSB (Faculty of Mechanical Engineering and Naval Architecture), University of Zagreb, Croatia
- TTF (Faculty of Textile Technology), University of Zagreb, Croatia.

Furthermore, the Conference has been this time endorsed by:

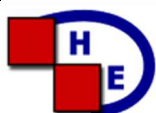
- IEA (International Ergonomics Association),
- FEES (Federation of European Ergonomics Societies),
- ASC (Acoustical Society of Croatia).

The Conference program this time included more types of oral presentations of papers from the following GROUPS OF TOPICS (not limited):

Aesthetics and Ergonomics;
 Biomechanics and Modelling in Ergonomics;
 Cognitive Ergonomics;
 Education and Trainings in Work Safety and Ergonomics;
 Ergonomics for People with Disabilities and Aging Population;
 Ergonomics in Product and Process Design;
 Ergonomic Regulations, Standards and Guidelines;
 Healthcare Ergonomics;
 Physical Ergonomics and Human Factors;
 Human Comfort;
 Safety and Risk Ergonomics;
 Psychoacoustic Ergonomics;
 Social and Occupational Ergonomics;
 Traffic and Transport Ergonomics.

The Organizing Committee (OC) of the ERGONOMICS 2020 Conference received more than 45 contributions within a diverse range of conference topics. All submissions have been peer-reviewed by the International Scientific Committee and referees from abroad and Croatia, regardless of what type of oral presentation has been chosen (live oral presentation on the spot, real-time online presentation, pre-recorded lecture).

Furthermore, the post-conference Proceedings titled “Proceedings of the 8th International Ergonomics Conference - ERGONOMICS 2020” in printed form (Hardcover ISBN: 978-3-030-66936-2) and online form (eBook ISBN: 978-3-030-66937-9) with full texts of all twenty-five accepted and reviewed papers as well as two invited lectures was published by the Springer Publishing Co., in the series “Advances in Intelligent Systems and Computing” available in printed form (Series ISSN: 2194-5357) and online form (Series E-ISSN: 2194-5365).



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The forty five participants have come from the following countries: Austria, Croatia, Brazil, Bulgaria, Bosnia and Herzegovina, Greece, Hungary, India, Italy, Poland, Portugal, Romania, Russian Federation, Ukraine, Slovenia, Spain and Taiwan ROC.

During the Conference opening ceremony, Davor Sumpor (President of CrES and Conference Chair) invited Tomislav Mlinarić (FPZ Dean) and Jose Orlando Gomes (IEA Vice-President) to address the participants with a few words of welcome.

In the introductory part of the Conference sessions, the following invited speakers contributed with their lectures: Jose Orlando Gomes (Brazil), Eric Min-Yang Wang (Taiwan ROC), Abhijit Majumdar (India), Nejc Šarabon (Slovenia), Beata Mrugalska (Poland), and Ivana Salopek Čubrić (Croatia).

Due to the global and local situation caused by the Covid 19 virus pandemic, in the circumstances of a situation called "New normal", the Conference was held as a mixed Conference which included the following types of oral presentations: live oral presentation on the spot, real-time online presentation, pre-recorded lecture (only voice).

The Conference provided a great opportunity for all the participants and all stakeholders from Croatia and abroad to contribute to the advances in ergonomics in Croatia once again all the way through to valuable exchange of knowledge and experience.

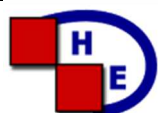
I would like to express deep appreciation to all co-organizing partners, patrons and sponsors, reviewers and all the members of all the Conference bodies, authors of the papers and Conference participants, who have all together enabled and helped to make this Conference in the "Ergonomics" series successful once again.

Finally, I am pleased to note that even in the circumstances of the pandemic situation called "New normal", CrES has been receiving active support of our constant and reliable international partners, who we are very proud of, and for which we are very grateful.

We are excited to meet you again in Croatia in 2022, and you are very welcome to inform others who might be interested to participate at the Ergonomics 2022 Conference.

On behalf of the Organizing Committee of Ergonomics 2020,

Assoc. Prof. Davor Sumpor, PhD,
General Chair



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