

5th International Ergonomics Conference**ERGONOMICS 2013**

June 12 – June 15, 2013, Zadar, Croatia



During almost four decades of existence, the Croatian Ergonomics Society has established determination to encourage and promote ergonomics in every aspect of life. Our most prominent mission is to popularize and disseminate the essence of ergonomics discipline, as well as to implement it in order to optimize human well-being and overall system performance. The Croatian Ergonomics Society recognizes the importance of exchange between ergonomists, as well as in the broader population, which is now one of the most featured objectives of our plans and strategy. In order to promote ergonomics beyond sharing and dissemination of the latest advances in ergonomics disciplines among its members, the Croatian Ergonomics Society has started the tradition of organizing the International Conferences entitled ERGONOMICS. The Croatian Ergonomics Society is open for more intensive cooperation with all institutions dealing with ergonomic research and assessment, with the aim of mass popularization of humanity during human work.

Over thousands of years humans have evolved to become the persons they are today, while the evolution of their working habits, behaviour and requirements is continuing. Together with the humans, the ergonomics has been also evolving recently. It increasingly adapts to human requirements. The introduction of ergonomics into the system implementation improves the system operation so as to eliminate those system aspects



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that are undesirable, uncontrolled, unexplained and vague. This causes ineffectiveness when the worker's efforts result in ineffective production. Accidents, injuries and faults occur because of wrong interconnections between operator and system and excessive load. The Croatian Ergonomics Society organized the 5th International Conference ERGONOMICS 2013 in Zadar from 12 to 15 June 2013. It was held at Falkensteiner Hotels & Residences. The co-organizers of the Conference were: the Faculty of Mechanical Engineering and Naval Architecture, the Faculty of Textile Engineering and the Faculty of Transport and Traffic Sciences. Fifty papers written by scientists were presented at the Conference. They came from the following countries: Croatia, Bosnia and Herzegovina, Brazil, Egypt, the Czech Republic, Hungary, Portugal, Poland, Slovakia, Slovenia, Spain, Switzerland, the UK and the USA. The following groups of topics were discussed: aesthetic ergonomics, applied ergonomics, cognitive ergonomics, design and product ergonomics, ergonomics for people with special requirements, ergonomic regulations, standards and guidelines, healthcare ergonomics, human factors, industrial ergonomics, noise, acoustical comfort and psycho-acoustical ergonomics, performance ergonomics, safety and risk ergonomics, tools and equipment ergonomics, traffic and transport ergonomics, workload and fatigue, workplace ergonomics. The Conference offered the opportunity to acquire new knowledge, to exchange opinions and experiences, and to encourage stronger interconnections between science and business.

The scientists and students of the Faculty of Transport and Traffic Sciences participated in the two working bodies of the Symposium: international scientific committee and organizing committee. Besides, they participated with a total of nine scientific papers, presenting the results of the research in the area of ergonomics and acoustics in traffic. Out of these nine papers, four papers were written in co-authorship with the students. For some of them these were the first experiences in the presentation of papers at a scientific symposium. The students of the Faculty of Transport and Traffic Sciences participated actively in the programme committee of the Symposium. Also, the students worked successfully all four days at the information desk of the Symposium, making the stay at the symposium and in the amazing city of Zadar pleasant for all the participants, especially for the participants from abroad. In conclusion, the Symposium in Zadar was a good opportunity for new contacts, new experiences and new friendships.

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