

## International Scientific Conference MATRIB

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International Scientific Conference MATRIB was held in Vela Luka, the Island of Korčula, June 25-27, 2015. It was organized by the Croatian Society for Materials and Tribology, the Institute of Materials and Machine Mechanics - the Slovak Academy of Sciences, Dublin Institute of Technology, the University North, and the University of Zagreb - Faculty of Graphic Arts. The Conference is the international conference intended for the scientists who do research into materials and tribology. It has been held annually since 1999. Scientists and students from all over Europe attend this three-day conference. The 2015 MATRIB Conference was held in memory of ass. prof. Gojko Marić, PhD, who was a regular participant and one of the main organizers of this conference.

The themes of the 2015 MATRIB International Conference were: materials and processes, metallurgy, testing and characterization of materials, friction and wear, surface engineering, chemical engineering, nanomaterials and nanotechnology, materials protection, lubrication, materials in graphic industry, materials in naval architecture, materials in mining, materials in civil engineering and education.

There were 52 participants at the Conference, 12 of them coming from abroad - the Republic of Ireland, Austria, Bulgaria, Slovakia, Slovenia, Serbia and Bosnia and Herzegovina. In total of 43 papers, written by 120 authors, were accepted for the Conference. 25 papers were presented orally while the rest of them were presented as the posters. All the papers were reviewed by the International Review Committee before the conference. A hundred copies of the Book of Abstracts and the 2015 MATRIB Conference Proceedings, issued on CDs, were published by the Croatian Society for Materials and Tribology. The Book of Abstracts contains 45 abstracts written on 50 pages while the Conference Proceedings comprise 43 papers published on 426 pages.

Quite a lot of papers presented at the Conference dealt with advanced materials. So the paper titled 'Advanced Materials and Technologies for Lightweight Car Body Structures', authored by F. Simačik, deals with metal foams while the paper titled 'Mechanical Properties of Thermally Activated Self-healing Ionomer After Ballistic Penetration', authored by A. Zimak, D. Pugar and T. Haramina, presents self-healing polymers.

The exhibition under the title 'Wearing as a photographic inspiration' was organized at the Vela Luka Centre for Culture as the part of the 2nd International Photo Competition and the 2015 MATRIB International Conference. The photographs exhibited were thematically related to the major themes of the Conference yet offering a fresh and original view of their authors. All the photographs had an everyday human environment for the major motif. However, they presented material wear in a new way, making us to think about how everything in life is ephemeral. The exhibition was visited by the students of the Faculty of Graphic Arts, the Faculty of Textile Technology, the Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, as well as the students of the newly established University North.

One of the most interesting events in the Conference programme was, undoubtedly, the trip to the Island of Proizd. On the trip the participants got an opportunity to socialize and make contacts. Quite a lot of projects and successful collaborations derive from such events. Vela Luka is well-known and liked for its beauty, the sun and the pleasant atmosphere. As always, International Scientific Conference MATRIB attracted a large number of scientists and students.