

## *Report of the International Conference "MTSM 2016"*

The Croatian Society for Mechanical Engineering (HDST) from Split organized the sixth International Conference on Mechanical Engineering and Construction Materials (Mechanical Technologies and Structural Materials 2016) in Split. The conference was held from 22-23 September 2016 at the Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture in Split.

The conference co-organizers were FESB, HDMT (Croatian Society of Materials and Tribology from Zagreb, DIT (Dublin Institute of Technology - Ireland), SAS - IMMM (Slovak Academy of Science, Institute of Materials and Machine Mechanics, Bratislava, Slovakia), Rogante Engineering Office (Italy) and the University Department of Professional Studies of the University of Split, and the Split-Dalmatia County is one of the two main sponsors (the second is FESB) of this conference, which we are extremely grateful it is held in our county.

At the conference, twenty-three distinguished scientists and experts from both the country and abroad presented their works. Foreign lecturers came from: Italy, Slovakia, Germany and Slovenia. From our country the lecturers came from the Faculty of Mechanical Engineering (Rijeka, Slavonki Brod, Split and Sisak). Young scientists from FESB, the Faculty of Metallurgy from Sisak, as well as Slovak scholars from Slovenia, were particularly prominent in their presentations. There were 22 papers in the field of overall mechanical engineering: manufacturing mechanical engineering, construction mechanical engineering and energy mechanical engineering.

Like previous conferences, one of the sponsors is EVN Croatia. At the conference, experts of the shipbuilding industry Split presented a project entitled "Door of Venice" successfully implemented in the mentioned company.

The conference has been extremely successful, as has been the case so far, and has encouraged and motivated us organizers for the next conferences in the coming years. This gathering, as well as the previous five, is another step forward in terms of making this gathering traditional in Split and attracting even more participants. Such gatherings should provide the opportunity for the exchange of experiences in direct contacts to be the basis of the future cooperation of interested scientific and research subjects, both from the Split-Dalmatia County and from abroad - especially the EU countries. Particularly, it refers to scientific novices who can present their work and reach out to their colleagues with colleagues and well-known researchers. In this respect, a continuation of the previously initiated cooperation between FESB researchers (Department for production engineering) and the Institute for Materials and Machine Mechanics in Bratislava has been agreed.

The Split-Dalmatia County recognizes the importance of linking science and production, as well as the need for exchange of experiences between domestic and foreign experts, and as the most important sponsor, by co-financing, helps to realize this scientific and expert gathering.

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