

Report of the International Conference "MTSM 2017"

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 2017) in Split. The conference was held from 21st -23rd September 2017 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. 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, more than thirty distinguished scientists and experts from both the country and abroad presented their works. Foreign lecturers came from: Italy, Slovakia, Hungary, Bosnia and Herzegovina, Slovenia and Switzerland. From our country the lecturers came from the Faculty of Mechanical Engineering (Rijeka, Slavonski Brod, Split and Sisak) and also Faculty of Chemistry and Technology (Split). Young scientists from FESB, the Faculty of Metallurgy from Sisak, as well as Slovak scholars from Slovenia, were particularly prominent in their presentations. There was 21 paper 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 from companies "Micom Elektronika d.o.o." and "AD Plastik" presented their companies and wide range of product and technologies. Expert from "Empa – Swiss Federal Laboratories for Materials Science and Technologies" presented Swiss institute and their work. Also, FESB students presented "FESB Racing Team" and their projects like Formula Student and Moto Student.

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 six, 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 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.

*President of HDST,
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