

8TH AAAA CONGRESS ON SOUND AND VIBRATION

20–21 September 2018, Zagreb, Croatia

The 8th Congress of the Alps Adria Acoustics Association was organized by the Acoustics Society of Croatia acting on behalf of the Alps Adria Acoustics Association and is also certified as an EAA symposium. It was held for the first time in Zagreb, Croatia, from 20th to 21st September 2018, under the auspices of European Acoustics Association and Croatian Academy of Engineering, and sponsored by the International Commission for Acoustics (ICA). It was jointly co-organized by two faculties from the University of Zagreb: Faculty of Electrical Engineering and Computing (FER) and Faculty of Transport and Traffic Sciences (FPZ). The latter hosted the Congress at its premises at the University Campus Borongaj.

The Congress was chaired by Prof. Kristian Jambrošić, PhD, the President of the Acoustical Society of Croatia. The participants were also given a warm welcome by Prof. Hrvoje Gold, PhD, Dean of the Faculty of Transport and Traffic Sciences, Prof. Mario Vražić, PhD, Vice-dean of the Faculty of Electrical Engineering and Computing and Asst. Prof. Davor Sumpor, PhD, the President of the Croatian Ergonomics Society, which endorsed the Congress.

During the congress days, national and international experts presented a number of scientific and applied papers on their research and professional activities in all fields of acoustics. In particular, the congress topics covered architectural and building acoustics, auditory

and speech acoustics, environmental and transportation noise, machinery noise and vibration control, computational acoustics, electroacoustics, legislation in acoustics, musical acoustics, measurement techniques, non-linear acoustics, psychoacoustics and perception of sound, signal processing, sound generation and radiation, ultrasonics, hydroacoustics, etc.

There were 75 registered participants from Croatia, Slovenia, Austria, Turkey, Slovakia, France, Italy and Germany. The congress program included oral presentations of 50 invited and contributed scientific papers from various fields of acoustics. Plenary keynote lectures were given by two eminent international experts: Prof. Monika Rychtarikova, PhD, from KU Leuven, Faculty of Architecture, and Prof. Jurij Prezelj, PhD, from University of Ljubljana, Faculty of Mechanical Engineering. Moreover, a roundtable discussion on noise legislation, its implementation in national laws and discovered challenges for experts and companies, chaired by Assoc. Prof. Antonio Petošić, was organized as well.

Full papers based on abstracts that have been reviewed and accepted by two independent reviewers were published in the Congress Proceedings and distributed to all the participants. The comprehensive congress information and photos taken can be viewed at the official web site www.alpsadriaacoustics.eu

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Participants of the Congress on a break in an active discussion