

INTERNATIONAL CONGRESS ALPS ADRIA ACOUSTICS ASSOCIATION (AAAA 2012)

For a number of years the Faculty of Transport and Traffic Sciences has been involved in scientific research in the area of transport ecology, particularly regarding issues of traffic noise, as well as acoustic ergonomics of the transport means. This year the research results have been presented by the Faculty to the scientific public through the participation of its employees and students at the International Congress Alps Adria Acoustics Association (AAAA), www.alpsadriaacoustics.org. The Congress took place at the Iadera - Falkensteiner Hotel in Petrčani from 12-14 September 2012 under the auspices of the European Acoustics Association - EAA. The AAAA was founded in 2002 by the national acoustical societies of Croatia, Slovenia, and Austria, and since 2003 the AAAA Congress has been held every second year according to an established order in one of the countries and in the organization of the respective national acoustical society. This year's, fifth Congress was organized by the Croatian Acoustical Society (www.akustika.hr) supported, among other companies and institutions, by the Faculty of Transport and Traffic Sciences as well. The Congress was opened by Prof. Bojan Ivančević, Ph.D., the President of the Croatian Acoustical Society. In spite of noticeable impact of recession, there were 71 registered participants from Croatia, Austria, Slovenia, Germany, Sweden, and Italy. During the programme some 60

high-quality scientific papers were presented from various fields of acoustics: theoretical acoustics, architectural acoustics, noise, electroacoustics, psychoacoustics, auditory and musical acoustics, acoustic noise measurements and mapping, etc. divided into ten different sections. The plenary lectures were presented by eminent scientists Prof. Luigi Maffei, Ph.D. (President of the European Acoustics Association 2007-10), Prof. Gregor Widholm, Ph.D. (President of the Austrian Acoustical Society) and Prof. Mirko Čudina, Ph.D. (President of the Slovenian Acoustical Society). The teaching staff and collaborators of the Department of Aeronautics of the Faculty of Transport and Traffic Sciences participated in the Session on "Aircraft Noise" with a total of eight scientific papers, presenting the results of the latest research in the area of ecology and ergonomics in air traffic, as part of the MZOŠ scientific project "Parameters of environmental impact on the development of infrastructure and transport systems". Out of these, five papers were written in co-authorship with the students of aeronautics, for whom this was the first time to actively participate at an international scientific congress. At the same time, by organizing the "students' evening" within the informal part of the programme, all the students - Congress participants had the opportunity to exchange ideas, experiences, and information from various areas of applied acoustics.

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The President of the Croatian Acoustical Society, Prof. Bojan Ivančević, Ph.D. opening the Congress