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PRESS RELEASE

2017 AUTUMN SCIENTIFIC SESSION OF THE ACADEMY OF ROMANIAN SCIENTISTS

SCIENTIFIC RESEARCH – SUPPORT OF SUSTAINABLE DEVELOPMENT AND
FUNDAMENTAL MEANS OF EDIFICATION OF EUROPEAN ROMANIA IN A EUROPE
OF KNOWLEDGE

Under the aegis of the Academy of Romanian Scientists, between October 12 and October 14, 2017, Timișoara organised the 2017 Autumn Session of the Academy of Romanian Scientists. The event, hosted by the Library and Faculty of Electrical and Power Engineering of Politehnica University of Timisoara, was held in an atmosphere of collaboration that brought together academic institutions and authorities of the Public Administration: the Romanian Academy – Timișoara Branch –, the Academy of Technical Sciences of Romania (ASTR) – Timișoara Branch –, the Academy of Agricultural and Forestry Sciences (ASAS) – Timișoara Branch –, the Academy of Medical Sciences (ASM) – Timișoara Branch –, Timiș County Council, Timișoara City Hall, Politehnica University of Timișoara, *Vasile Goldiș* West University – Arad, *Ion Vidu* National Art College. Such a partnership, alongside the participants and the communications presented during the Session, attests to the value and importance of the meeting, which has become an emblematic event of the national and international academic space and of scientific research. The 2017 edition of the Autumn Scientific Session of the Academy of Romanian Scientists was held under an equally important and challenging headline: ***Scientific Research in Support of Sustainable Development.***

The opening ceremony was held at the *Ion Vidu* National Art College, a prestigious place of aesthetic education of Banat, before a select audience. The presidium was composed of the following members: Professor PhD. Engineer Adrian Badea, President of the Academy of Romanian Scientists, Professor PhD. Engineer Petru Andea, State Secretary in the Ministry of National Education, President of Timișoara Branch of AOSR, Professor PhD. Engineer Nicolae Robu, Mayor of the city of Timișoara, Honorary Member of AOSR, Professor PhD. Engineer Viorel Aurel Șerban, Rector of Politehnica University of Timișoara, Adrian Negoită, representative of the Timiș County Council, who read the message of the President Timiș County

Council, as well as representatives of the following academies: the Romanian Academy, Timișoara Branch – President Acad. Ioan Păun Otiman, the Academy of Technical Sciences, Timișoara Branch, President, Professor PhD. Engineer Gheorghe Vladimir Crețu, the Academy of Agricultural and Forestry Sciences, Timișoara Branch, President Professor PhD. Engineer Valeriu Tabără, the Academy of de Medical Sciences, Timișoara Branch, President Prof. PhD. Margit Șerban. In the opening of the session, Professor Petru Andea welcomed the participants, highlighted the diversity of the themes and the vast area of scientific coverage of the this event, underlining that in its final part there would be a round table on the topic: The Mission and Condition of the Intellectual. The Role of Intellectual Elite in Romania’s Development. Professor Adrian Badea, President of AOSR, thanked the organisers for their efforts and emphasised the importance of the biannual scientific sessions of the Academy of Romanian Scientists, expressed his satisfaction that all the five academic structures - the Romanian Academy, the Academy of Romanian Scientists, the Academy of Technical Sciences, the Academy of Agricultural and Forestry Sciences, the Academy of Medical Sciences - were present at the opening and would participate, in an excellent partnership, in the organisation and success of a choice academic event. Starting from this exemplary partnership, President Badea proposed that discussions be officially initiated in order to establish an academic consortium, bringing together under the leadership and the unquestionable authority of the Romanian Academy all the five academies. In this regard, he gave as an example the two consortiums in the Romanian academic space: the Universitaria Consortium and the Romanian Association of Technical Universities, each of them being a force in the academic and scientific environment due to their vision and the synergic action aimed at achieving common objectives, clearly and realistically formulated. The mayor of Timișoara, Professor Nicolae Robu, emphasised the role of science in the development of Timiș County and referred to the main projects on the agenda of local public authorities. In response to President Adrian Badea’s proposal as to the establishment of an academic consortium, Acad. Ioan Păun Otiman declared that a law of the academic movement in Romania would be useful and appropriate and would create the framework for the coagulation of the above-mentioned academies in a pyramidal structure. The Presidents of the branch academy expressed their joy to participate and represent their institutions in the Scientific Session of AOSR, showing, with significant examples that there is a complex and continuous collaboration among the five academies of Timișoara based on mutual respect and friendship. Starting from this academic

reality and the historical memory of the metropolis on the Bega River - the place where the process of the collapse of communism and the regaining of Romania's freedom had begun - Professor Adrian Badea recovered a famous slogan, linking it to the desiderata of collaboration of Romanian academic institutions and the necessity of exploiting the example of good practices referred to by Academician Otiman: "Today in Timișoara, tomorrow in the whole country!"

In the same educational space, the inaugural session continued with an artistic show performed by students and professors of *Ion Vidu* Art College, encompassing a large thematic and stylistic area in the field of classical music that proved the exceptional value and talent of young musicians, guided by mentors dedicated to the act of training and polishing their disciples.

The event consisted of two sessions on panels covering the fundamental areas of the Academy of Romanian Scientists (13 sections): Hard Sciences; Engineering Sciences; Biology; Medicine; Agricultural Sciences, Food Security; Philosophy, Psychology and Theology; Civilisation, Management, Sustainable Development, History, Military Sciences.

This scientific event benefitted from a substantial participation, consisting of 144 scientific papers and 125 authors. The 2017 Session provided its participants an elite framework for communicating the results of their scientific research carried out individually or in teams, depending on each topic, a space of epistemological dialogue and exchange of ideas that generated vivid debates and inspired new initiatives of academic collaborations and partnerships.

The complete list of papers and authors can be found on the website of the Academy of Romanian Scientists: <http://www.aosr.ro/wp-content/uploads/2015/04/AOSR-Program-%C8%99i-rezumat-SES-TM-2017.pdf>. The papers presented shall be published in the volume of Proceedings of this Scientific Session.

The programme of the Autumn Scientific Session of the Academy of Romanian Scientists also included a visit to the Experimentarium demonstrative exhibition of Politehnica University of Timișoara as well as the debate "Mission and Condition of the Intellectual". The debate, which took place in the Library of Politehnica University of Timișoara, highlighted through the opinions and positions expressed by the participants mostly members of the academic staff the major role played by intellectuals in the edification of European Romania, in the construction of a society and economy based on knowledge in the Romanian space. Through the fundamental contribution

of intellectuals of all generations, Romania has important chances to become and assert itself as a modern and powerful State of Europe and the world, and as a regional power in all the vital fields of its existence, especially in the areas of science, economics, IT, culture and knowledge. President of the Academy of Scientists of Romania, Professor Adrian Badea, present at the Presidium of the Session and Debate, declared: “Judging by the authors, and given the number and quality of the papers, we can say that the Autumn Scientific Session of AOSR held in Timișoara is a success that expresses once again the strength of our institution in the field of scientific research. Beside the specific issues addressed in each paper and section, the General theme of the Session expresses a thesis which, for us as teachers and researchers, and for the Academy of Romanian Scientists, has become an axiom: scientific research is the support of any sustainable development. As far as our country is concerned, academic education and scientific research are means of progress on all levels, be they social, economic, political, cultural and spiritual, factors of Romania’s assertion and consolidation in the European Union as a modern, civilised State, as a power in this part of Europe and the world. We have great potential through our young and mature researchers, and we have a great chance for our country in the young generations, in their intelligence and creativity. That is why we have to help young researchers to fructify their potential through national policies and strategies intended to support value and performance. Through its research programmes and projects, through its activities conducted in the sphere of knowledge, the Academy of Romanian Scientists acts under this axiom and under the belief that science, culture and elite knowledge can change and shall change Romania. We have full confidence in this belief, and the Scientific Session of Timișoara, attended by a record number of young researchers, has just confirmed it.”

Office of Communication and Public Relations of the Academy of Romanian Scientists