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Final Report on COIA 2018

The 6^{th} International Conference on Control and Optimization with Industrial Applications (COIA 2018) was held at Baku State University in Baku, Azerbaijan, during 11-13 July, 2018.

The conference was organized by the Institute of Applied Mathematics of Baku State University (BSU) with the support of the Ministry of Transport, Communications and High Technologies. The conference played the role of a platform for exchanging opinions between researchers from the academic environment, higher education institutions and students, as well as discussing the latest scientific achievements. This event has already become traditional and was held for the third time in Baku.

The conference were attended by nearly 250 scientists and researchers from different countries of the world, including Azerbaijan, Turkey, Great Britain, Italy, Spain, Russia, Belarus, Brazil, Mexico, Ukraine, Poland, France, Iran, India, Turkish Republic of Northern Cyprus, Georgia, Kazakhstan, Kyrgyz Republic, Pakistan, Kuwait and Bulgaria.

Minister of Transport, Communications and High Technologies, Ramin Guluzade, delivered a welcoming speech at the conference. Touching upon the dynamic development of information and communication technologies in the world, he noted that this sphere is one of the priorities for our country.

Note that at the conference were discussed issues related to the application of scientific and theoretical results in industry and the economy. The discussions were held around such topics as "Control Theory", "Optimization", "Intelligent Systems", "Network and Telecommunications", "Numerical and Computational Methods", "Mathematical Modeling and Simulation", "Identification", "Application of Optimization Procedures in Physical Problems " etc.

During the plenary meetings famous scientists as Oscar Castillo (Mexico), Enrique Zuazua (Spain), Muhammad Sarfraz (Kuwait), Mihail Konstantinov (Bulgaria), Michael Ruzhansky (United Kingdom) and etc. were made presentations on all aspects of control and optimization. After the presentations plenary speakers received their commemorative gifts during the welcome reception.

Social program of the COIA 2018 included a visit to the Museum of Heydar Aliyev and a brief tour around Old City, before the welcoming party.

At the closing ceremony on Friday 13, 2018, Professor Fikret Aliev has announced that the next COIA will be held in 2021. Exact dates of the 7^{th} *International Conference on Control and Optimization with Industrial Applications* (COIA 2021) and its location are to be determined and announced later.

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