The Nineteenth International Conference on Automatic Control “Avtomatika–2012”

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International conferences on automatic control are held annually, initiated by Ukrainian association on automatic control (UAAC) and dated back to 1994.

In the range of September 26–28 Kiev held the regular conference on the automatic control (Avtomatika–2012) promoted by National University of Food Technologies.

The conference was aimed at discussing the results of research and developments in the field of control of technical, ecological, administrative-economic and other complex systems, discussing the trends of the control science development, making scientific contacts, involving young people in the scientific search.

The conference was organized by National Academy of Sciences (NAS) of Ukraine, Ministry of Education and Science, Youth and Sport (MESYS) of Ukraine, Ukrainian Association on Automatic Control, National Committee of Russia on Automatic Control, V.M. Glushkov Institute of Cybernetics of NAS of Ukraine, Institute of Space Research of NAS of Ukraine and State Space Agency of Ukraine, International Research and Training Center of Information Technologies and Systems of NAS and MESYS of Ukraine, M.V. Lomonosov Moscow State University, National University of Food Technologies.

The subject matter of the conference was presented by six sections: “Mathematical problems on control, optimization and game theory”, “Control and identification in uncertainty conditions”, “Automatic
control in engineering systems”, “Control of aerospace, marine and other mobile objects”, “Data processing in complex systems, intellectual modeling and control”, “Manpower training in the field of control, automation and information technologies”.

The Organizing Committee selected more than 200 reports on all subject directions of the conference work.

More than 100 speakers representing the leading scientific centers of Ukraine, Russian and Poland spoke at meetings of the sections and at three plenary meetings. The great interest was triggered by the plenary reports of A.P. Ladanyuk, A.A. Chikriy, M.V. Khlebnikov, V.F. Gubarev, V.I. Khakhanov, L.S. Fainzilberg, V.D. Kishenko, O.N. Sukhoruchkina.

The release of special issue of journal “Scientific works of National University of Food Technologies” is in preparation. It will contain entire texts of reports recommended for publication.

The conference was held on high scientific and organization levels and became a marked event for scientists and specialists whose activity is related to scientific and applied aspects of design and creation of control systems of different assignment.

By the decision of the National Committee UAAU the running of the next conference on the automatic control is scheduled for September 2013 in the town of Nikolaev and will be promoted by National Shipbuilding University.