

News

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7th IFAC Workshop on Control Applications of Nonlinear Programming and Optimization

7th IFAC Workshop on Control Applications of Nonlinear Programming and Optimization was held in Tbilisi, USSR, on June 21–25, 1988. Sponsored by the IFAC Technical Committee on Mathematics of Control and supported by several Soviet scientific institutions this event had drawn the attention of scientists from several countries. Over 30 experts representing 11 countries and not less than 70 Soviet participants gave the guarantee of the Workshop success.

Altogether 6 delivered invited lectures discussed such topics as finite-dimensional linear models, transformation methods in optimization problems, small parameter methods, optimization software, optimization of discontinuous systems, and optimal control synthesis problems. About 50 contributed papers and 20 posters were divided into the following sections: constructive methods of optimization, theory of extreme value problems, stochastic optimization, and applied problems.

The presented results covered wide range of new theoretical achievements, algorithms, and concrete control applications. All foreign participants had a unique opportunity to get acquainted with latest results of the Soviet colleagues in their numerous contributions. For convenience, a book of abstracts was printed in advance and handed to each participant upon registration. It is intended to publish a proceedings volume containing selected contributions.

Local organizers from the Institute of Control Systems of the Georgian Academy of Sciences together with Prof. Kirillova (chairman of the International Program Committee) and Dr. Venets (secretary of the Workshop) performed a good deal of effort when preparing, organizing and running the Workshop. Moreover, the scheduled social program offered to each participant to share the picturesque atmosphere of Tbilisi and surrounding Georgia. Besides the guided sightseeing tour and welcome party, the full-day excursion to Khaketi region with its historical monuments and vineyards was really impressive and contributed to the overall success of the Workshop.

Jaroslav Doležal

