

International Conference
“Skorokhod Space. 50 years on”

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Ukrainian Mathematical Society
Corporation “Industrial Union of Donbass”
Institute of Mathematical Statistics (IMS)

The International Conference “Skorokhod Space. 50 years on” was organized by the Institute of Mathematics of Ukrainian National Academy of Sciences, Taras Shevchenko National University, Mykhailo Dragomanov National Pedagogical University, National Technical University of Ukraine (KPI), Ukrainian Mathematical Society. The Conference took place in Kyiv, on 17-23 June, 2007. The aim of the conference was to provide the scientists from different countries with the possibility to discuss the results of their recent investigations and to analyze the new trends in the fields founded by A.V. Skorokhod about 50 years ago. The main topics of the Conference were: the method of a single probability space; topologies on the Skorokhod space; the Skorokhod reflecting problem; measures in infinite dimensional spaces; the Skorokhod embedding problem; extended stochastic integrals; Markov processes and stochastic differential equations; limit theorems.

About 140 scientists from 22 countries took part in the Conference. Five plenary and 21 section sessions of the Conference were held in the halls and rooms of Taras Shevchenko National University.

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The issues no. 1 and 2 of the volume 14 (30) of Theory of Stochastic Processes contain the papers presented by the participants of the Conference.