

## The Russian Chapter of SD Society

The Russian Chapter of the System Dynamics Society ([www.sysdynamics.ru](http://www.sysdynamics.ru)) was created in 2006 with participation of leading Russian universities. It takes part in SDS Conferences since 2008.

The main goal of the Society is spreading the information of system dynamics in the Russian-speaking academic and practical environment by means of granting the information in Russian and English languages, an exchange of experience between members of the society, and establishment of business and research contacts, supporting the activity of System Dynamics Society in Russia.

Activities of the Russian Chapter include:

- providing the information for experts, researchers;
- organization of regular meetings, roundtable discussions and conferences on system dynamics and application of simulation modeling;
- promotion of initiatives on the organization of educational programs in system dynamics;
- publications of scientific, popular-scientific, and methodical papers.

### *Recent System Dynamics-related events in Russia*

Every 2 years the National Simulation Modeling Society organizes theoretical and practical conference IMMOD «Simulation Modeling: Theory and Practice». This conference provides comprehensive analysis of the current state and development perspectives of the simulation modeling theory and simulation tools in various business industries and administrative governance. There is a section on SD and simulation modeling of socio-economic systems conducted by the Chairman of Russian Chapter Natalia Lychkina, where Russian Chapter members regularly present their reports. The nearest conference will be held in October, 2017 in St-Petersburg.

The annual International scientific conference «Modernization of the Economy and Society» having section Y entitled «Instrumental methods in the analysis of social and economic processes» was held at the National Research University Higher School of Economics in April 2017 in Moscow. The session was devoted to application of simulation modeling in social and economic systems.

International scientific and practical conference “System analysis in economics” is annually held by Financial University under the Government of the Russian Federation ([www.fa.ru](http://www.fa.ru)) in Moscow (chairman – Professor G.B. Kleiner).

On October 6, 2016, the Russian Chapter of the International System Dynamics Society held an open annual meeting of its members. The theme of the meeting was "Teaching System Dynamics in Master's Programs in Russian Universities and Abroad: Sharing Experiences." The event was organized by the Chairman of Russian Chapter Natalia Lychkina and School of Logistics of the Faculty of Business and Management at the National Research University Higher School of Economics.



*The open annual meeting of Russian Chapter members*

On March 21, 2017 a lecture-workshop of professor of Worcester Polytechnic University (USA) Ph.D. Oleg Pavlov was held at the School of Logistics of the Faculty of Business and Management at the National Research University Higher School of Economics. The theme of lecture was "Design of project based learning".



*Lecture-workshop "Design of project based learning". Professor Ph. D. Oleg Pavlov and Chairman of Russian Chapter Natalia Lychkina*

During the few last years, the Russian Chapter of the Society regularly presented posters on the International Conference of System Dynamics, where the key activities, large scientific schools and its main personas were presented. Members of the Russian Chapter also regularly present the results of their scientific works. At the recent International SD Conference that took place in July, 2017 in *Cambridge, Massachusetts, USA*, an [e-Poster of Russian Chapter](#) was presented.

#### *System dynamics related educational programs*

Several universities in Russia continue to host the following educational programs:

- *National Research University Higher School of Economics* ([www.hse.ru](http://www.hse.ru)). [SD courses](#) are offered in curriculums of the Faculty of Business and Management (N.B. Filinov, A.S. Akopov, N.N. Lychkina, G.V. Zakhodiakin, Y.A. Morozova, Z. Avdeeva)
- *Lomonosov Moscow State University, School of Public Administration* ([www.msu.ru](http://www.msu.ru)). SD courses are offered in curriculums of the Economic Faculty (V.N. Sidorenko). A laboratory of simulation under the direction of D. Kavtaradze is engaged in the development of educational games on the basis of system dynamics models.
- *Perm National Research University (former Perm State University, [www.psu.ru](http://www.psu.ru))*: The Information Systems and Mathematical Methods in Economics Department offers a Master's degree program, "Business Intelligence Systems in Forecasting and Management of Socio-Economic Development Processes in Countries and Territories," where students study a course of system dynamics.

#### *Seminars and training courses*

Russian Chapter of System Dynamics Society and AnyLogic company regularly conduct seminars and training courses for professionals on simulation modeling of economic processes.

The AnyLogic Company is a leading provider of dynamic simulation tools, technologies and consulting services for business applications. The company designs, develops and markets AnyLogic — the tool that brings together system dynamics, process-centric (discrete event), and agent-based methods within one modeling language and one model development environment.

Recent training course for professionals on simulation modeling in Anylogic took place at the National Research University Higher School of Economics on March 28-30, 2017. The course was attended by teachers from Bauman Moscow State Technical University, Southern Federal University, Cherepovets State University, as well as representatives of business from Sberbank and United Rocket Space Corporation.

On June 6, 2017 the AnyLogic Company held a seminar on simulation of supply chains in the new software product anyLogistix where members of Russian Chapter Natalia Lychkina, Gleb Zakhodyakin and Yulia Morozova took part.

#### *Further development and international cooperation*

The chapter plans to carry out co-operative programs, seminars, workshops, and master degree programs on simulation modeling and system dynamics, write monographs, organize a roundtable discussion on "Strategies of Socio-Economic Development of Russia up to 2020

(Strategy-2020)” and participate in some activities within the recently established National Simulation Modeling Society. Joint educational projects at the leading Russian universities, as well as international projects, are also planned.

We welcome the members of System Dynamics Society to strengthen cooperation with the Russian Chapter and are ready to provide support from the Higher School of Economics, the Moscow State University and others.

Today there is certain interest in system dynamics and simulation modeling from both business and government organizations. We are ready to respond to these challenges in cooperation with our international colleagues.