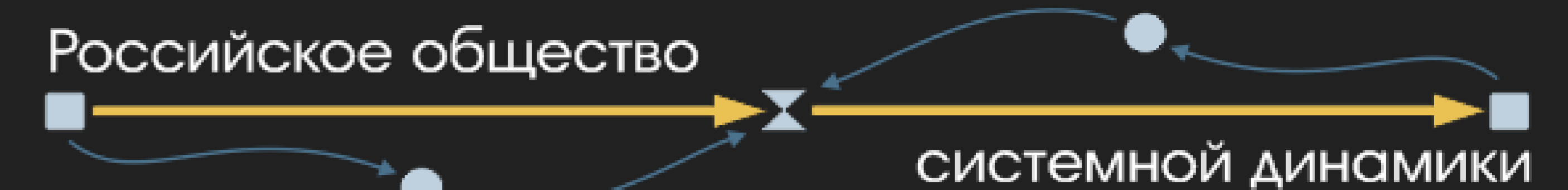




Russian Chapter

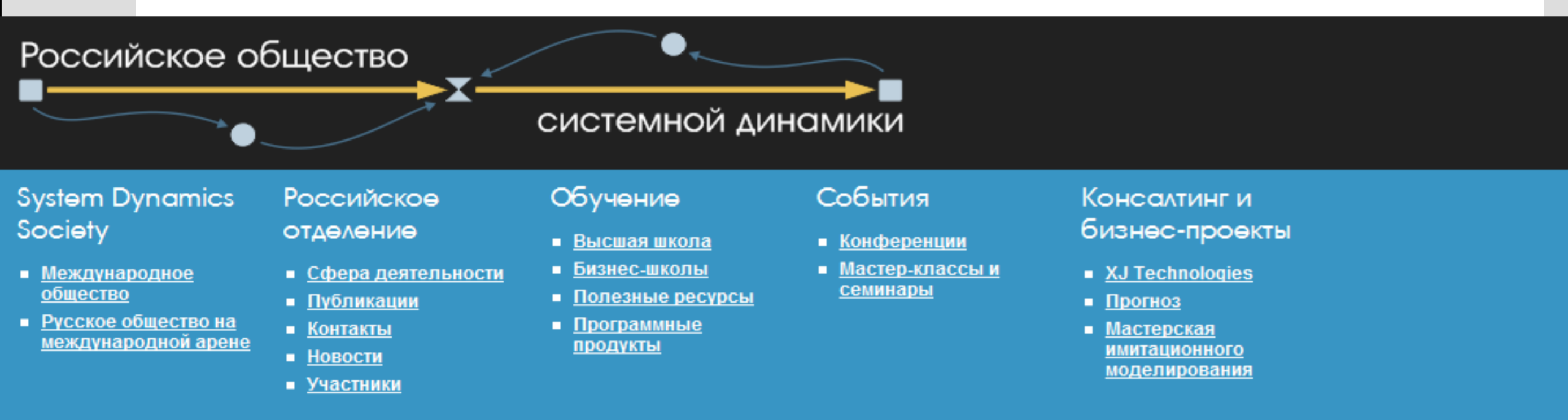


SDS International Conference Seul 2010

Introduction

The Russian Chapter (SDRus) had another successful year. We launched a new website www.sysdynamics.ru which is hoped to become a comprehensive portal on system dynamics events in Russia.

In March 11, 2010 our chapter held a meeting at the Moscow State University. Several members worked out an action plan for the upcoming year. New Presidents (Natalia Lychkina and Dmitry Katalevsky) were elected for a one year period. Anna Ivanova was elected as a Secretary of the RUS SD Chapter.



Сфера деятельности

Коллегам, друзьям и всем системно мыслящим...

Вот уже почти шестьдесят лет системная динамика, основоположником которой стал Джей Форрестер, оформилась в самостоятельный вид имитационного исследования и успешно развивается во многих странах мира. Системная динамика уже давно перешла из узкоспециализированного круга ученых и исследователей науки управления, найдя применение в аналитических лабораториях ведущих международных корпораций, национальных исследовательских институтах, государственных органах, ведущих университетах и школах.

Российское отделение

- Сфера деятельности
- Публикации
- Контакты
- Новости
- Участники

Teaching SD in Russia

Moscow State University:

School of Public Administration (Prof. Kavtaradze, D. Katalevsky)

Moscow State University of Management (Natalia Lychkina)

High School of Economics (Bairam Annakov)

Events in 2009-2010

- **October 21-24, 2009:** The 4th conference on simulation modelling IMMOD, St. Petersburg
- **November – December 2010:** elective course on decision-making with system dynamics and ABM for managers offered to 5th year students, *School of Public Administration of M.V. Lomonosov State University* (Dmitry Katalevsky with the assistance of Anna Ivanova)
- **December 15-17, 2010:** *School of Public Administration of M.V. Lomonosov State University*, 4th Winter School on Simulations and Games (chaired by Prof. Dmitry Kavtaradze)
- **March 11, 2010:** *Russian System Dynamics Chapter Meeting*, election of N.Lychkina and D.Katalevsky as co-Presidents of the Society
- **April 14, 2010:** open students colloquium in State Management University (GUU) on simulation modeling within "A Week of Science" annual event (chaired by Natalia Lychhkina)
- **May 26-28, 2010:** *School of Public Administration of M.V. Lomonosov State University*, Simulation Workshop on the 8th International Conference "Public Administration in XXI century: traditions and innovations" (chaired by Prof. Dmitry Kavtaradze)
- **June 14, 2010:** Effective management decision-making using simulations, *State Management University (GUU)* (chaired by Natalia Lychhkina and Andrei Borschev, Head of XJ Technology)

System dynamics education in Russia

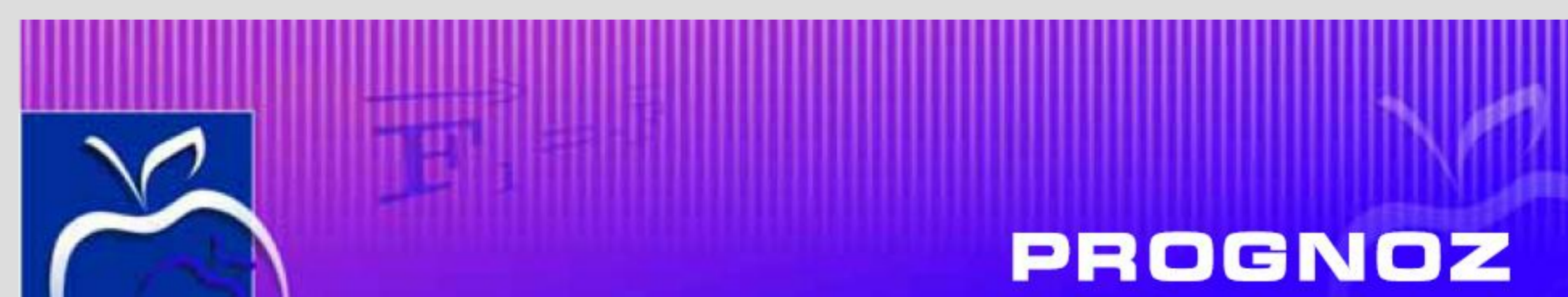
- **Natalia Lychkina**, currently co-President of the Russian Chapter of the System Dynamics Society, is actively promoting system dynamics by teaching SD modules in the State Management University (Moscow) in Master Programs. Among her students are businessmen and government officials who study decision-making and management.
- **Dmitry Katalevsky**, co-President of the Russian Chapter of System Dynamics together with his colleagues **Prof. Dmitry Kavtaradze** and **Vladimir Solodov** are teaching system dynamics and simulation games electives in the Lomonosov Moscow State University (School of Public Administration). They target both bachelor and master program students with a breakthrough course combining system dynamics, agent-based modeling and organizational network analysis techniques.
- **Bairam Annakov** is teaching elective course on the Department of Economics of the Moscow State University and High School of Economics.

The Lomonosov Moscow State University and the *State Management University* are emerging as "knowledge clusters" of the system dynamics field in Russia.

- **Valery Skribans** is actively using system dynamics in Riga Technical University. He has recently finished Latvian national research project "Possibilities to increase efficiency of building industry enterprises" (2009). As a result a scientific monograph was published.

Workshops, conferences and modeling events

- **Natalia Lychkina** conducted a number of workshops in the leading Russian Universities including GUU, HSE, Lomonosov MSU, private training organization IT-Academy and others. Some of the workshops were conducted together with XJ Technologies company and Andrei Borschev.
- **Dmitry Kavtaradze** and Simulation team in the Moscow State University (Dmitry Katalevsky, Vladimir Solodov) conducted a number of workshops including Summer and Winter Schools of Simulation Games (June & December 2009 respectively), Simulation modeling conference in May 2009 at the School of Public Administration and a number of others.
- **Bayram Annakov** through **Empatika** is periodically conducting workshops on project management using system dynamics methodology.



Interesting facts

- Andrei Miroshnichenko*, a graduate student of the School of Public Administration (Lomonosov MSU) has won a scholarship to study system dynamics in the leading European Universities. Congratulations!
- Vladimir Solodov*, from Lomonosov MSU is currently working on a comprehensive research on corruption using system dynamics and agent-based modeling techniques.
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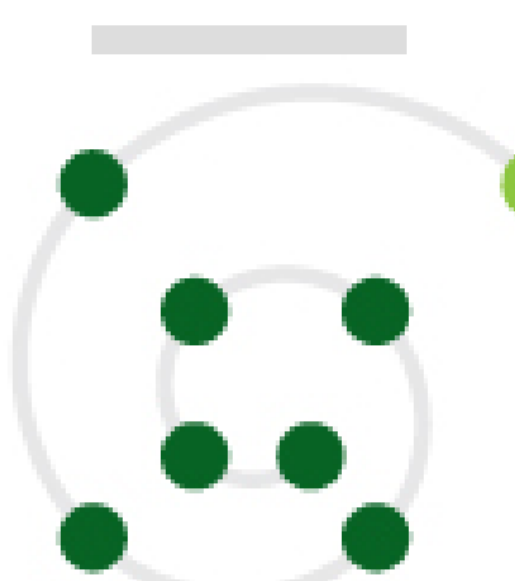
Publications

- **Skribans V.** *Models of entrepreneurial environment and construction market development in Latvia.* - Rīga: RTU Izdevniecība, 2010. - 264 p. (in Latvian)
- Also in 2009-2010 he published 30 papers in different languages (English, Russian, and Latvian).
- **Lychkina N.N.** *Hindsight and perspectives of system dynamics*, 2009
- **Lychkina N.N.** *System dynamics and management consulting*, 2009
- **Katalevsky D., Ivanova A.** *Review of teaching system analysis and simulations for arts students*, 2009

Books in Progress:

Lychkina Natalia, *Simulation of Economic Processes* (in progress, 2010)

Katalevsky Dmitry, *The Basics of Simulations and System Analysis in Management* (in progress, 2010)



Anylogic 6: one of the most powerful simulation modeling tools for researchers and business practitioners from the Russian-based company



SDRus Consulting

Natalia Lychkina established "Workshop of simulation modeling" pioneering system dynamics approach for management consulting. An interesting project on a sustainable development of Korolev town, a city-satellite of Moscow, was conducted by Natalia Lychkina and Dmitry Kavtaradze in spring semester of 2010.

Key contacts

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www.sysdynamics.ru