

Russian Chapter



SDS International Conference Athens 2008

Introduction

The Russian Chapter (SDRus) had another successful year. Five new members joined SDRus in 2007-08. We launched a new interactive and user-friendly website <u>www.systemdynamics-russia.org</u>. In November of 2007 our chapter held a meeting at the Moscow State University. Eight members made reports and we produced plan of action for the upcoming year. The summary of SDRus activities are presented in this poster.

Sphinx SD Tools

The South Russia State Technical University

Sphinx SD Tools – freely distributed modeling environment based on system dynamics. The project started in the fall of 2007 and is realized with the use of sourceforge.net resources using Java 6 SE platform. Russian, English, Chinese, Spanish, Portuguese and Dutch versions are available.

vurceForge.net: Sphinx SD Tools - Opera	
Правка Вид Закладки Вуджеты Инструменты Справка	
Создать вкладку 🕞 http://www.systemdyna 🗴 🧧 SourceForge.net: Sphinz 🔀	ū.
🔿 😿 💋 🖉 📔 http://sourceforge.net/projects/sphinxes	🔊 ? 🔹 🙎 Google 💽 💽 🍪
Sphinx SD Tools	Project Search Advanced
Project Tracker Mailing Lists Forums Code Services Download Documentation Tasks	Project Web Site
	🖄 Stats 🛛 RSS

List of functions currently available:

XML:

process;

modeling results;

export of simulation

sensitivity analysis

libraries of SD

• graphic model editor

supporting Undo/Redo;

text model editor based on

formula editor with graphic

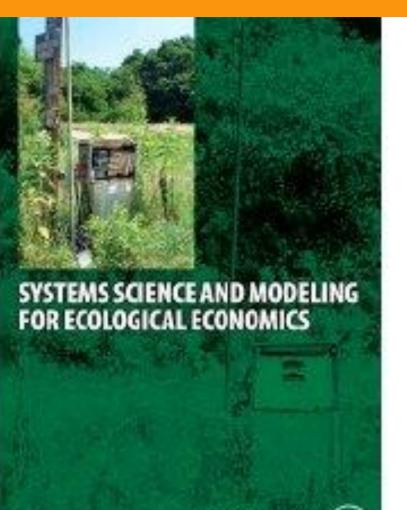
visualization of modeling

editor of table functions;

Publications

Gorbunov, A. Lychkina N. 2007. Paradigms of simulation modeling: novelties in solving strategic management problems (aggregated logic of simulation modeling). Business-Informatics 2: 60-66.

Ryzhenkov, A. 2008. Supposing a control law of capital accumulation for the modern Italian economy. SDS 2008 Athens



Russian Chapter of the System	
MITSIOAN MANAGEMENT	
Убеждения это то, что мы вопреки всем сви,	детельствам, считаем
Парадигмы имитационного моделирования	• Главная
10.04.2008 г.	• О сообществе
	A MARKAN CANADA CANADA
Опубликована статья "Парадигмы имитационного моделирования: новое в решении задач	• Участники
Опубликована <u>статья</u> "Парадигмы имитационного моделирования: новое в решении задач стратегического управления (объединенная логика имитационного моделирования)".	 Участники События
стратегического управления (объединенная логика имитационного моделирования)".	
	• События
стратегического управления (объединенная логика имитационного моделирования)".	• События • Ресурсы • Контакты
стратегического управления (объединенная логика имитационного моделирования)". Авторы: • А. Р. Горбунов - к.з.н., старший научный сотрудник Института США и Канады РАН	• События • Ресурсы

Teaching SD in Russia

Moscow State University:

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

Faculty of Economics (B. Annakov, D. Linkov) Moscow State University of Management (Prof. Lychkina) Moscow AgroEngineering University (Prof. Hudiakova)



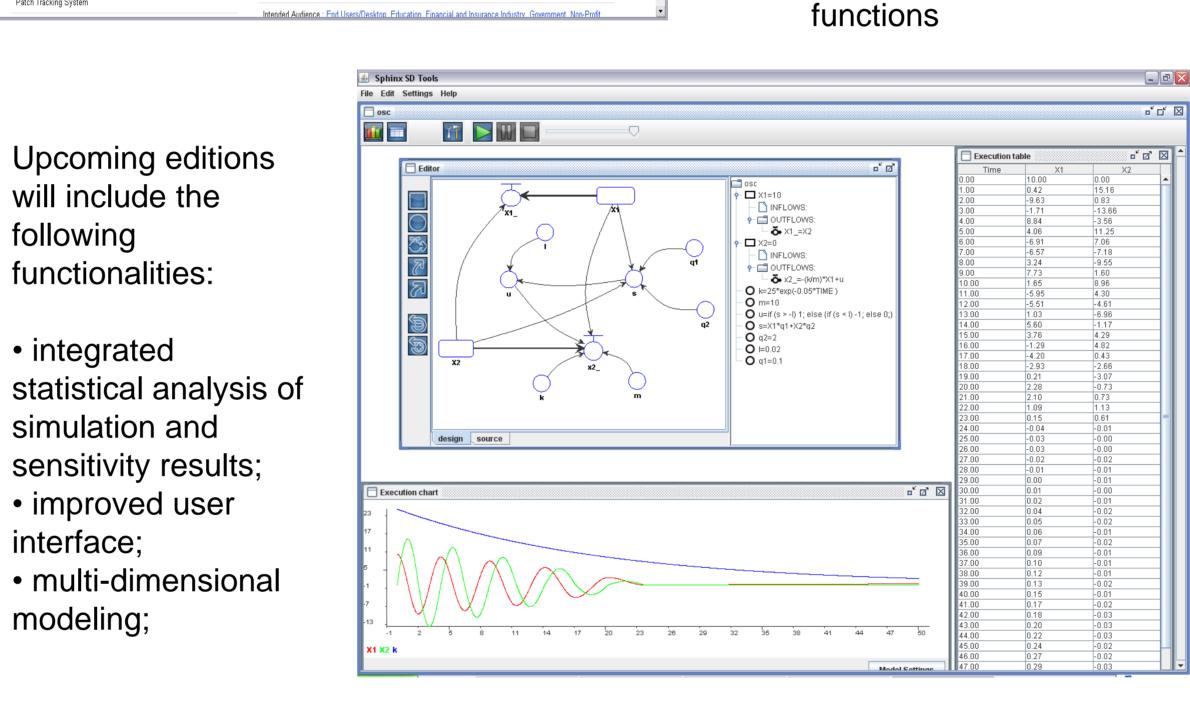
The Sphinx project is dedicated to create common a software is developed on Java 5 platform and use Jav	ccessible environment for system dynamics simulation. Th a Swing GUI.	nis	- Enter Here to Research Featured Solutions -
Download Sphinx SD Tools 🛛 📕	Find Support		Ads by Go
Project Admins: kuzz, mivertit, rzątsev Operating System: OS Independent (Written in an interpreted language) License: Apache License V2.0	Buy expert services from Sourceforge.net Marketplace. Support from the people who know. SOURCE FORGE.NET Marketplace		Бесплатная СКМ менеджерам Простая и удобная программа. Просто скачайте и работайте! www.gallopercrm.com
Category: Simulations	waineipiace		Free UML 2 Design Tool Visually develop applications with 13 UML 2 Diagrams, E BPM & Morel www.visual-paradigm.com
Latest			Free IT Help Desk Tools Download advanced Help Desk tools, Completely free, n trial period !
Project News			www.sysaid.com
Sphinx SD Tools 0.5b released 2008-05-21			
Sphinx SD Tools 0.4.1b released 2008-04-29			
Sphinx SD Tools 0.4b Released 2008-04-09			
News archive »			
Public Areas	Project Details		
Bugs : (D open / 6 total) Bug Tracking System	Project Admins : kuzz グ, m	ivertft 🏸, rzajtsev 🗡	
Support Requests : (0 open / 0 total)	Developers : 4		
Tech Support Tracking System	Database Environment : XML	-based	
Patches : (Oopen / Ototal) Patch Tracking System	Development Status : 4 - Ber	ta	
Fatch tracking System	Intended Audience - End Use	ers/Deskton Education Finar	ncial and Insurance Industry Government Non-Profit

following

integrated

interface:

modeling;



Lychkina N. Simulation modeling of regions' social and economic development in decision support systems. For full text contact: <u>Inn130159@mail.ru</u>



Hardcover Available on Amazon.com

Work in Progress:

Lychkina N. Use of simulation models in supply chain management: logistic audit based on quantitative models.

Lychkina N. Complex of simulation models of regions' socio-economic development.

Lychkina N. Analysis, modelling and engineering of company's businessprocesses using modern simulation tools.

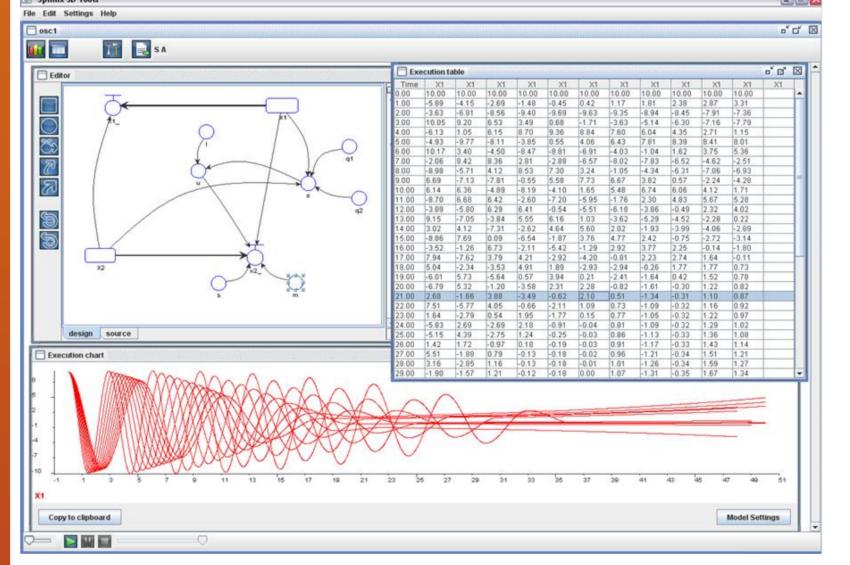


Business-Informatics Journal (BIJ)

is published by the High School of Economics (Moscow, Russia) which is an official partner of SDRus. This journal covers scientific aspects of IT industry and application of special methodologies in Management and Economics. BI editors are interested in well-informed and interesting materials on SD applications in Management and Economics including theoretical and methodological research in the field of system dynamics. All articles must be written in Russian and conform to the high publication and academic standards.

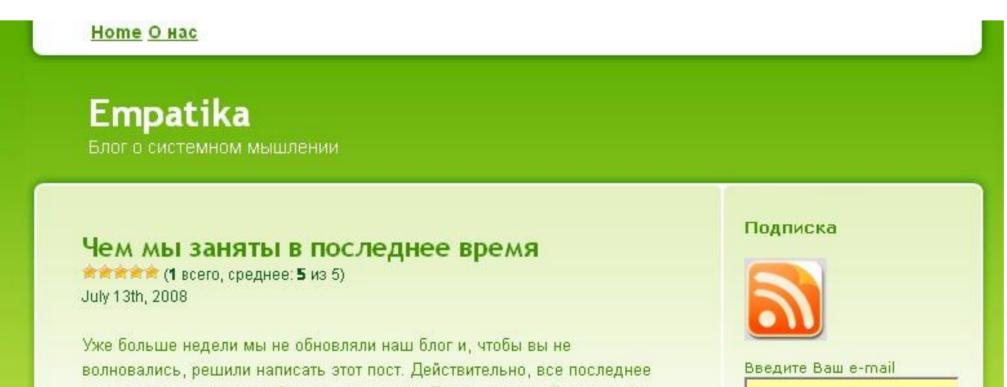
Activities at MSU

- > Moscow State University hosted "The Winter School on Simulation **Games and Modelling**" in December of 2007. It was a very successful event attended by Russian and international participants. The goal of the winter school was to introduce participants to learning managerial processes through the use of simulation games. Also, the emphasis was made on demonstrating capabilities of simulation games in teaching. The full report is published on our website.
- > 6th Conference on State Management in the 21st Century was held in May 2008. One of the conference threads was dedicated to simulation models and games for management of natural resources (coordinated by Prof. Kavtaradze).
- > Translation into Russian of *Response* game. Simulation exercises with Russian-speaking students
- > Creation and validation of *Coordination* game. This game is a continuation of two system dynamics models by Barry Richmond. The simulation was supported by the grant from Ministry of Science



http://sourceforge.net/projects/sphinxes

Russian Blog on Systems Thinking



Contact: Prof. Alexey Gorbunov algordom@mtu-net.ru bijournal@hse.ru

SDRus Members Abroad

- Dr. Oleg Pavlov (WPI, MA, USA)
 - Associate Professor of Economics and System Dynamics
 - Teaching System Dynamics
- Prof. Leon Bazil (Stevens Institute of Technology, NJ, USA)
 - **Teaching Modeling and Simulation Applications**
 - Simulation Games
- Dr. Leeza Osipenko (University of Warwick, UK)

Teaching Systems Thinking for Healthcare professionals at Warwick Medical School

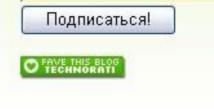
Systems Thinking and Systems Dynamics – Pasantia Chilena – Spanishlanguage course for Medical professionals from Chile

and Education. Project leader Prof. Kavtaradze.

- Compassion Competition: analysis of 400-500 of student projects
- Russian book on system dynamics is being prepared for publication by Katalevsky D. and Kruykov M.

Senior research project in the field of system dynamics: 2008. Telenkova, Anna «Modern education methods for management of natural resources» Moscow State University. Faculty of State Management.

время мы посвящаем работе и... не только. После долгих обсуждений и разговоров, мы уже почти готовы объявить о наших специальных тренингах. Именно их разработкой мы и занимались в последние дни. Чтобы заинтересовать вас, но и не предвосхищать событий, скажу лишь, что для начала мы сделаем два тренинга "Системное мышление" и





http://www.empatika.com/blog/

Coordinated by Bayram Annakov and Dmitry Linkov

www.systemdynamics-russia.org