Conferences

IMMOD 2011 CONFERENCE
«SIMULATION MODELING. THEORY AND PRACTICE» (19-21 OCTOBER 2011, ST.PETERSBURG, RUSSIA)

SUBJECT OF THE CONFERENCE
A comprehensive analysis of current state and development prospects of the simulation modeling theory and simulation tools in business, industry and administrative governance

ORGANIZERS
JSC «Shipbuilding & Shiprepair Technology Center» (St.-Petersburg); Institute for Informatics and Automation of Russian Academy of Sciences (St.-Petersburg); Russian Academy of Sciences, Branch of Nanotechnologies and Information Technologies (Moscow); Russian national committee for industrial and applied mathematics

Russian national research and practical conference
«THEORY AND PRACTICE OF SYSTEM DYNAMICS»

SUBJECT OF THE CONFERENCE
System dynamics theoretic issues
Simulation modeling usage in socioeconomic and industrial systems research
Support systems for regional development planning and management

ORGANIZERS
Russian Academy of Sciences, Branch of Nanotechnologies and Information Technologies, Institute for system analysis of Russian Academy of Sciences, Institute of Informatics and Mathematical Modeling of Technological Processes of Russian Academy of Sciences

The International conference at School of Public Administration of Lomonosov Moscow State University
“GOVERNMENT OF THE XXI CENTURY: TRADITIONS AND INNOVATIONS”

May 25-27, 2011, Lomonosov Moscow State University
Simulation & modeling section chaired by Professor D. Kavtaradze

14-th Annual International research and practical conference
“SUSTAINABLE ECONOMIC DEVELOPMENT: INTEGRATION OF STATE AND BUSINESS IN MODERN SOCIETY”

Moscow, State University of Management, October 15-16, 2009
The roundtable discussion headed by N. Lychkina “Vertical of strategic planning: newest decision making methods and tools” which got good response and interest of experts in the field of system dynamics
“Retrospective and perspective of system dynamics. Development dynamics analysis” N. Lychkina

Science & Education

EDUCATION
Lomonosov Moscow State University: School of Public Administration Faculty, Laboratory of simulation under direction of D. Kavtaradze is engaged in the development of educational games on the basis of system-dynamic models
State University of Management: Faculty of Economic Cybernetics, Faculty of Information systems: “Simulation modeling of economic processes”; “Decision support systems” Associate professor. N. Lychkina, Deputy Head of Information Systems for Science Department is heading SD teaching
National Research University: Higher School of Economics: educational programs at the faculty of Business & Computer science, Professor of HSE, A. Andrianik

SCIENCE
DORODNITSYN COMPUTING CENTER
“System dynamics modeling of economic processes and cultural interactions by means of competition equations”.

ESTABLISHMENT OF RUSSIAN ACADEMY OF SCIENCES INSTITUTE FOR INFORMATICS AND MATHEMATICAL MODELING OF TECHNOLOGICAL PROCESSES OF THE KOLA SCIENCE CENTER RAS
Development of technology for parameterization composite simulation model based on ontological description of a complex.
Development of technology for information support to strategic planning of science and innovation center development

STATE UNIVERSITY OF MANAGEMENT: INSTITUTE OF MANAGEMENT INFORMATION SYSTEMS.
System dynamics simulation modeling of regions’ social and economic development used in decision support systems of Federal, Regional and Municipal authorities.

14-th Annual International research and practical conference
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“Retrospective and perspective of system dynamics. Development dynamics analysis” N. Lychkina

Books

In cooperation with the largest Russian publishing house INFRA-M N. Lychkina published a monograph on SD «Simulation modeling of economic processes», which is based on fundamental works of J. Forrester, simulation of enterprises, social and economic systems operations, etc.: Moscow, INFRA-M, 2011


Business School

GROUP OF SD MODELING AT STATE UNIVERSITY OF MANAGEMENT
Business school head: V. Godin, Professor, Ph.D.
Head of SD modeling group: N. Lychkina, Ph.D.
XJ Technologies CEO and Managing Director: A. Borshchev, Ph.D.
XJ Technologies Director of Sales and Business Development: T. Popkov

WORKSHOPS
«EFFECTIVE DECISION MAKING IN THE SPHERE OF MANAGEMENT, BASED ON SIMULATION MODELING»

The Centre of IT-management

AUTHORS OF THE COURSE:
XJ Technologies CEO, A. Borshchev, Ph.D.
Senior Lecturer at State University of Management, N. Lychkina, Ph.D.

TOPICS OF THE COURSE:
Modern simulation technologies and their applications in information systems in business
Significant applications and business consulting experience, management and IT-consulting
Modern simulation tool - AnyLogic
System dynamics modeling.

Business and IT-Consulting

PROGNOZ
PROGNOZ develops Business Intelligence (BI) and Business Performance Management (BPM) solutions that help corporations and government agencies harness the power of data to make informed decisions. Our flagship application is the PROGNOZ 5 Platform, a modular software package with data storage, monitoring, reporting, analytical, modeling and forecasting capabilities. The modular design means that we can easily customize PROGNOZ 5 to fit the needs of your enterprise in a fraction of the time, at a fraction of the cost.

XJ TECHNOLOGIES
XJ Technologies is a leading provider of dynamic simulation tools, technologies and consulting services for business applications. XJ Technologies designs, develops and markets AnyLogic – the first and only tool that brings together System Dynamics, Process-centric (Discrete Event), and Agent Based methods within one modeling language and one model development environment. The language of AnyLogic has unmatched flexibility and enables the modeler to capture the complexity and heterogeneity of business, economy and social systems at any desirable level of details to gain deeper insights into interdependent processes going on inside and around the organization.

WORKSHOP ON SIMULATION MODELING BY N. LYCHKINA

- Solutions for federal, regional, municipal authorities
- Solutions for enterprises, holding companies, banks and financial institutions:
- Strategic architecture and corporate dynamics of an enterprise
- Budgeting and cash flows management
- Investment planning and project management
- Production program management
- Management of company distribution network
- Market dynamics forecast
- Business processes modeling and analysis

Business and IT-Consulting

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