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

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. Forester, simulation of enterprises, social and economic systems operations, etc.: Moscow, INFRA-M, 2011
- D. Katalevsky's book "Fundamentals of management simulation modeling and system analysis": Moscow University Press, 2011

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. Andranik

SCIENCE

DORODNITSYN COMPUTING CENTER

- "System dynamics modeling of economic processes and cultural interactions by means of competition equations".
  U. Brodskiy. http://simul.ccas.ru/articles

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
  A. Gorokhov , head of IT management of regional development laboratory. Tel.: +7 (815-55)-7-40-50; e-mail: gorokhov@iimm.kolasc.net.ru
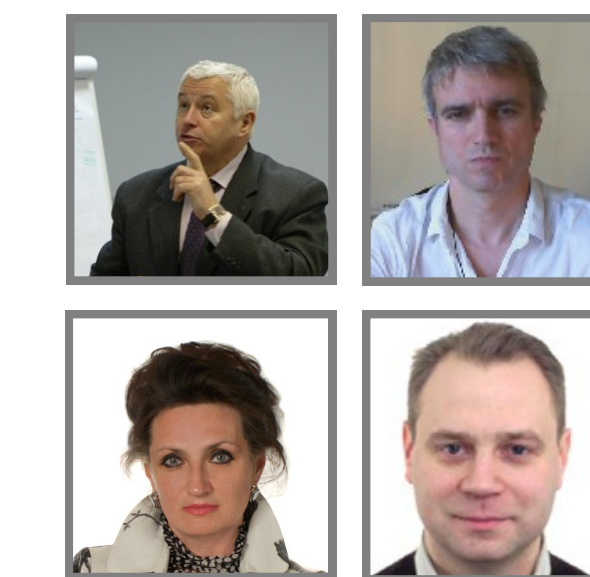
STATE UNIVERSITY OF MANAGEMENT: INSTITUTE OF MANAGEMENT INFORMATION SYSTEMS.

- System dynamics simulation modeling of regions' social and economic development used in decision support systems of Federal, Regional and Municipal authorities.
  N. Lychkina , deputy head of scientific work department at The State University of Management. Tel.: +7 (495) 749-71-77, lychkina@guu.ru

NATIONAL RESEARCH UNIVERSITY – HIGHER SCHOOL OF ECONOMICS. DEPARTMENT OF BUSINESS INFORMATICS

- The intelligent control system based on system dynamics methods; the project is developed for largest Russian oil company
  A. Andranik, Professor of HSE. E-mail: aakopov@hse.ru

Business School

www.guu.ru

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

The Centre of it-management
www.mbiprogram.ru

WORKSHOPS

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

COURSE

«SIMULATION MODELING OF ECONOMIC PROCESSES»

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.

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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 insight into interdependent processes going on inside and around the organization.

XJ technologies
www.xjtek.com

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

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