Call for Papers

Second International Conference on
Fuzzy Sets and Soft Computing in Economics and Finance
FSSCEF 2006, June 28- July 01, 2006, St. Petersburg, Russia

Sponsored by:

Siemens Business Services Russia
International Fuzzy Economics Lab Rus
International Fuzzy Economics Lab
Kazakhstan
Journal of Banks & Risks
Journal of News of Artificial Intelligence
Journal of Fuzzy Sets and Soft Computing

Russian Association for Fuzzy Systems and Soft Computing, RAFSSoftCom
International Fuzzy Systems Association, IFSA
European Society for Fuzzy Logic and Technology, EUSFLAT
International Association Fuzzy-Set Management and Economy, SIGEF
Mexican Petroleum Institute
Institute of Problems of Informatics, Academy of Sciences, Tatarstan,
    Russia
Berkeley Initiative in Soft Computing, BISC

The goal of the conference is to join together researchers in fuzzy logic, soft computing and computing with words and specialists in economics, finance, practical management and business administration for discussing new theoretical results and practical applications of perspective intelligent technique in economics, finance and related areas.

The topics of conference will include the following application areas and techniques.

Application areas:

Economics, fuzzy econometrics, financial engineering and management, financial time series analysis and forecasting, financial data mining, financial markets, marketing research, virtual market place, consumer preference analysis, client credit worthiness, customer segmentation, agent-based computational economics, fuzzy equilibrium, social choice and welfare, fuzzy cooperation and oligopoly, macroeconomic modeling and forecasting, micro-macro economic relations, experimental economics, market share analysis, stock forecast and portfolio management, stock management, investment planning, investment risk appraisal, risk management, strategic planning and enterprise development, audit and financial analysis, bank and finance technologies, business decision making, software solutions for economic and finance analysis, software solutions for business management, simulation of social processes.

Techniques and methodologies:

Fuzzy logic, neural networks, genetic algorithms, fuzzy systems, neuro-fuzzy modeling, evolutionary computations, self-organizing maps, chaos theory, fuzzy integrals, type 2 fuzzy sets, Dempster-Shafer theory, rough sets.

Interval mathematics, cognitive maps, perception based modeling and reasoning, precisiated natural language, natural language computation, computing with words and perceptions, computational theory of perceptions, fuzzy constraint based reasoning.

Fuzzy clustering, fuzzy pattern recognition, visualization of data, linguistic description of data, qualitative reasoning and time series analysis, fuzzy probabilities and statistics, fuzzy regression analysis, fuzzy dynamic systems.

Fuzzy and linguistic preference relations, fuzzy choice functions, fuzzy and perception based utility, multiple criteria decision making, group decision making, fuzzy optimization, fuzzy games, fuzzy coalitions, multi-agent systems with fuzzy preferences and constraints, negotiation of intelligent agents with incomplete and imprecise information, fuzzy ontology.

Fuzzy data bases and knowledge based systems, fuzzy distributed systems, fuzzy expert systems, fuzzy and perception based data mining, perception based time series data mining, fuzzy association rules, intelligent question answering systems.

Honorary Chairman
Lotfi A. Zadeh, University of California, Berkeley, USA

Advisory Committee
J. Gil-Aluja, Spain
J. Kacprzyk, Poland
M. Nikravesh, USA
P. Wang, USA

Co-Chairs of Program Committee
Ildar Batyrshin, Mexico, Russia
Pavel Sevastjanov, Poland
Constantin Zopounidis, Greece

Co-Chairs of Organizing Committee
Alexey Nedosekin, Siemens Business Services Russia,
IFEL Rus, E-mail: an@ifel.ru
Nadezhda Yarushkina, Russia

International Program Committee (will be approved)

R. Aliev, Azerbaijan
L. Bershtein, Russia
U. Bodenhofer, Austria
A. Borisov, Latvia
J.J. Buckley, USA
Ch. Carlsson, Finland
Sh. Chabdarov, Russia
B. De Baets, Begium
D. Dubois, France
A. Eremeev, Russia
F. Esteva, Spain
D. Filev, USA
B. Fioleau, France
T. Fukuda, Japan
J. Gil-Aluja, Spain
K. Hirota, Japan
N. Jarushkina, Russia
R. Kachalov, Russia
J. Kacprzyk, Poland

U. Kaymak, Netherlands
O. Kaynak, Turkey
E. Kerre, Belgium
G. Klejner, Russia
R. Klempous, Poland
G.J. Klir, USA
V. Kreinovich, USA
V. M. Kurejchik, Russia
M. Mares, Czech Republic
I. Nasyrov, Russia
M. Nikravesh, USA
A. Nedosekin, Russia
V. Novak, Czech Republic
G. Osipov, Russia
P. Osmera, Czech Republic
W. Pedrycz, Canada
I. Perfilieva, Czech Republic
V. Red'ko, Russia
I.J. Rudas, Hungary

T. Rudas, Hungary
S. Rump, Germany
L. Rutkowski, Poland
D. Rutkowska, Poland
A. Ryjov, Russia
L. Sheremetov, Mexico
P. Sincak, Slovakia
R. Slowinski, Poland
V. Stefanuk, Russia
T. Sudkamp, USA
V. Tarasov, Russia
I.B. Turksen, Canada
V. Vagin, Russia
M. Wagenknecht, Germany
R. Yager, USA
N. Yarushkina, Russia
A. Yazenin, Russia
Ju. Zhuravlev, Russia

Organizing committee
A. Chachina, N.Avdeenko
Service agent of Conference:
Monomax Company, E-mail: vipservice@monomax.org,   Tel.: +7 812 320-0119, 445-0159;   Fax: +7 812 324 7322
Contact person:
Anna Chachina, E-mail: anna.chachina@monomax.org

Submission of Papers:
   The working language of the conference is English. Prospective authors are invited to submit:
   a) Preliminary Abstracts in arbitrary 1 page PDF format;
   b) Paper in PDF format no longer than 8 pages including authors' names, affiliations, mailing address, E-mail, telephone and fax numbers
   The Abstract and Paper should be submitted to the address: *http://www.onlinereg.ru/ultimate.php?go=55*
   The papers will be published in the proceedings of conference. The extended versions of original papers will be recommended for publications in special issues of international journals.
   The proposals for lectures related with the theme of conference are invited. The preference will be done to reports observing perspective theoretical models and applications in economics and finance.

Important Dates:

Deadline for proposals for special sessions and lectures:	December 20, 2005
Deadline for paper submission:	March 30, 2006
Notification of acceptance:	April 20, 2006
Deadline for submission of final manuscripts:	May 10, 2006

Conference Web Page: *http://fsscef.narod.ru/index.html*

Cultural program: The June in St. Petersburg is the time of magnificent White Nights. The cultural program of conference includes sightseeing of St. Petersburg with visit of Hermitage Museum, banquet on the ship in waters of Neva River. By request on July 1 it may be organized the excursion to Peterhof or Pushkin.

Some Links:	*http://www.spb.ru/eng/*	*– Saint-Petersburg official website*
	http://www.yell.ru/eng/map/, http://www.infoservices.com/stpete/map/	*– Maps of St.Petersburg*
	http://www.hermitagemuseum.org/html_En/index.html	*– The Hermitage Museum*
	http://www.peterhof.org/index1.htm	*– Peterhof*
	http://eng.tzar.ru/	*- Tzarskoje Selo, Pushkin town*