• INFORMATION SOCIETY •
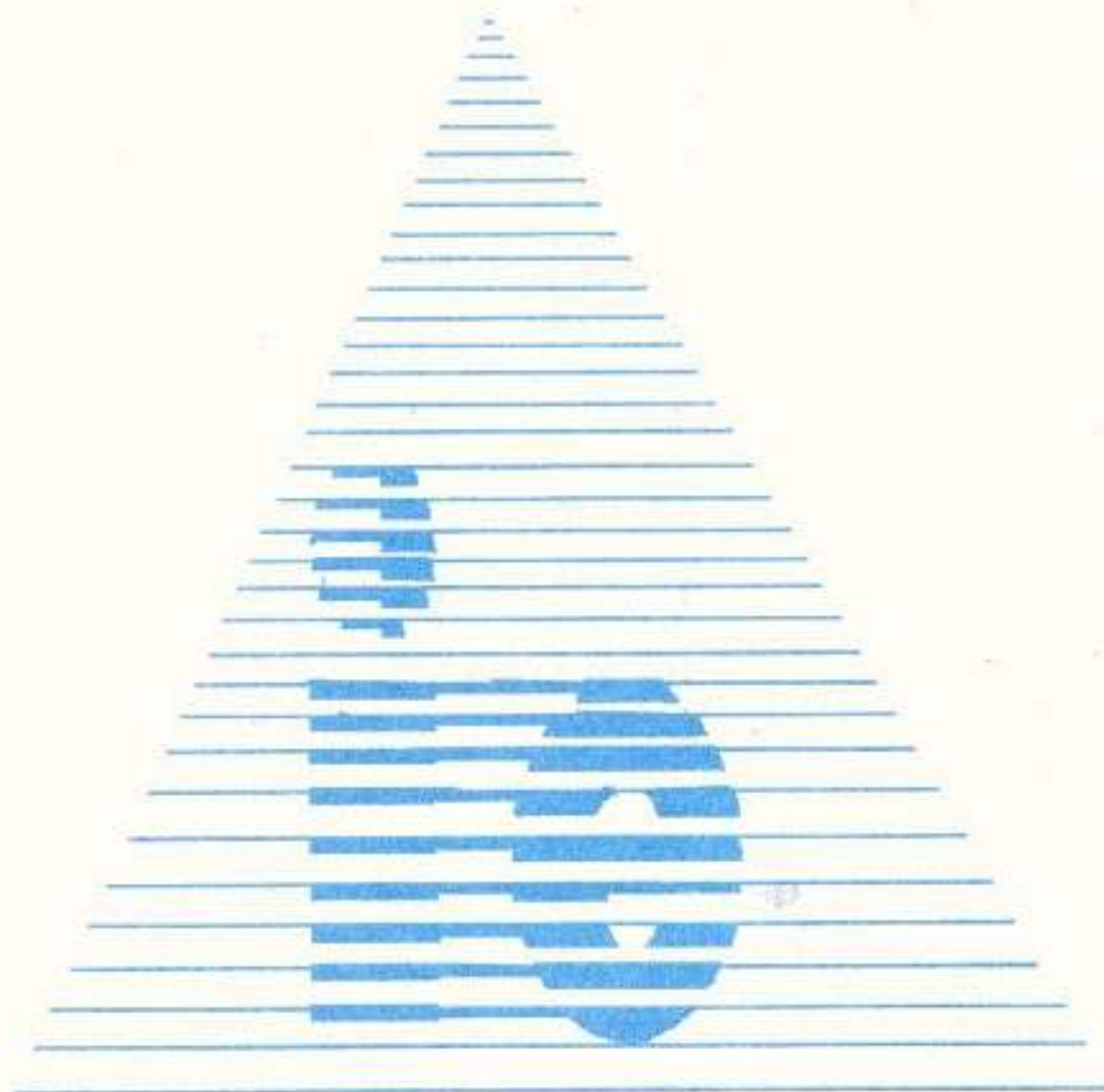
The 5th International Symposium on Economic Informatics
Bucharest, Romania
May 10 - 13, 2001

SYMPOSIUM AGENDA

EDITURA ECONOMICA

THE 5th INTERNATIONAL SYMPOSIUM ON ECONOMIC INFORMATICS BUCHAREST MAY 10-13, 2001

PROGRAM

ACADEMY OF ECONOMIC STUDIES
FACULTY OF ECONOMIC
CYBERNETICS, STATISTICS
AND INFORMATICS
Economic Informatics Department

15-17 Calea Dorobanților, Bucharest
Room: 2313
Tel.:   +(401)-211.26.50,
         +(401)-211.26.55 / 336, 319
         +(401)-311.20.66
Fax: +(401)-311.20.66
E-mail:simpo2001@ie.ase.ro

The Symposium was set up by the Department of Economic Informatics and has been honored by the presence of several specialists from the Austria, Belgium, Bulgaria, Finland, France, Germany, Greece, Ireland, the Republic of Moldavia, Japan, United Kingdom, United States of America and Romania.

We give our thanks to the participants, sponsors, to the press, students, to the colleagues of the Academy of Economic Studies Bucharest, who, by their efforts, skills and understanding, contributed to the good of the Symposium.

May, 10, 2001, Academy of Economic Studies

$10^{00} - 11^{30}$	Official Opening, Aula Magna
$10^{30} - 12^{00}$	Coffee break
$12^{00} - 14^{00}$	Proceedings papers
$14^{00} - 16^{00}$	Lunch
$16^{00} - 18^{00}$	Proceedings papers
$18^{00} - 18^{30}$	Coffee break
$18^{30} - 20^{00}$	Proceedings papers
$17^{00} - 19^{00}$	Meetings with Deans and Heads of Informatics Department, room 0101

May, 11, 2001

$9^{00} - 11^{00}$	Proceedings papers
$11^{00} - 11^{30}$	Coffee break
$11^{30} - 13^{30}$	Proceedings papers
$13^{30} - 15^{30}$	Lunch
$15^{30} - 17^{30}$	Proceedings papers
$17^{30} - 18^{00}$	Coffee break
$18^{00} - 20^{00}$	Meeting *New Economy*, Microsoft Romania Aula Magna
20^{00}	Cocktail

Activities Distribution (days/hours/rooms)

No.	Section	Thursday May, 10, 2001			Friday May, 11, 2001		
		12^{00}-14^{00}	16^{00}-18^{00}	18^{30}-20^{00}	9^{00}-11^{00}	11^{30}-13^{30}	15^{30}-17^{30}
1	Multimedia systems and computer aided training	2320	2320		2320		
2	Information systems for social processes		2319	2319			
3	Information systems for business and regional development	2416	2416		2416	2416	
4	Economic processes, optimization and models			2214	2214	2214	2214
5	Software quality management			2215	2215	2215	
6	Software engineering	2317	2317		2317	2317	
7	Software intelligence	2212	2212				
8	Systems and data Bases			2017		2017	2017

Section 1

Multimedia systems and computer aided training

Chairman: Secretary:
Jenny COLLYER   Răzvan ZOTA

12^{00} - 12^{15}

Qualification Strategies For The Romanian Multimedia Industry, Viorel ARITON, "Danubius" University from Galati, Romania, Vincent EDWARDS, Buckinghamshire Chilterns University College, United Kingdom, Gloria LEE, Buckinghamshire Chilterns University College, United Kingdom, Jenny COLLYER, London Guildhall University, United Kingdom, Doinita ARITON, "Dunarea de Jos" University Romania, Constantin SAULEA, S.C. TcInf Galati, Romania

12^{15} – 12^{30}

CAE-axiomatic approach, Sergiu CREȚU AMBROZIE, The Academy of Economic Studies of Moldova, Republic of Moldova

12^{30} – 12^{45}

The Educational Technologies: Information System for Knowledge Testing, Tamara ZACON, Simion ONEA, Chisinau, Republic of Moldova

12^{45} – 13^{00}

Pour un enseignement des spécifications formelles dans les formations économiques et juridiques, Henri HABRIAS, IRIN (Institut de Recherche en Informatique de Nantes), Université de Nantes, Nantes, France

13^{00} - 13^{15}

Education aux Médias, Ana Maria LACULEANU, Rm. Valcea, Romania

13^{15} – 13^{30}

Building CORBA - Based Systems For Distributed Learning Environments, Cosmina IVAN, Technical University of Cluj Napoca, Department of Computer Science, Cluj Napoca,Romania

13^{30} – 13^{45}

IT in distance and open learning-an historical overview, Ramona LACUREZEANU, Lucia RUSU, Facultatea de Ştiinţe Economice , Cluj-Napoca, Romania

13^{45} – 14^{00}

A Proposed Application For School-Leaving Examination, Anca MIHAELA, Liceul "Traian", Bucharest, Romania

14^{00} – 16^{00}

B R E A K

Chairman: Secretary:
Dorin LIXANDROIU   Răzvan ZOTA

16^{00} – 16^{15}

Developing Microeconomics tests using Asymetrix ToolBook and Web-CT, Dorin LIXANDROIU, Ioana NEGRU, Transilvania University of Braşov, Romania

$16^{15} - 16^{30}$

A Client/Server Application for Virtual BookShop-VirtualMall, Maria MOISE, Management Faculty AISTEDA – I.C.Bratianu University, Institutul de Cercetare Dezvoltare in Informatica, Bucharest, Romania Mss., Marylena ZINGALE, United Nations, New York, USA

$16^{30} - 16^{45}$

Distance Education in Moldova. Prospects and opportunities, Stephan SPATARU, The Academy of Economic Studies Chisinau, Republic of Moldova

$16^{45} - 17^{00}$

Using Speech Technology and Internet for Creating a Virtual Classroom, Nicolae OBJELEAN, ASUM, Chishinau, Republic of Moldova, Zinaida TODOROI, FIUM, Chishinau, Republic of Moldova., Alexandru OBJELEAN, "Babes-Boliay" University ,Cluj-Napoca, Romania

$17^{00} - 17^{15}$

Rule Extraction by Inductive Learning Algorithms, Mihaela M. OPREA, Department of Computer Science, University of Ploiesti, Romania

$17^{15} - 17^{30}$

Method of automated structurization of theoretical and practical material, prepared by teachers before it's presented to the auditorium and using it in distance education, Nicolai PELIN, Serghei PELIN, University of Applied Sciences of Moldova, Chisinau

$17^{30} - 17^{45}$

Parallel algorithm model for backpropagation network, Mădălina RĂCEANU, Bucharest, Romania

$17^{45} - 18^{00}$

Media data control and integration in telephony, Adriana REVEIU, Academy of Economic Studies, Bucharest, Romania

Section 1

Multimedia systems and computer aided training

Chairman:
Ştefan Ioan NIŢCHI

Secretary:
Răzvan ZOTA

$9^{00} - 9^{15}$

Some Remarks about the Web Based Distance Learning and Education in Economics, Ştefan Ioan NIŢCHI, Cluj-Napoca, Romania

$9^{15} - 9^{30}$

Supporting Virtual Communities and Knowledge Transfer through Web-based Competence Centres, Ileana HAMBURG, Institut Arbeit und Technik Wissenchaftszentrum, Nordrein Westfalen, Germany, Dorin BALANICA, Gh Asachi Technical University, Computer Science Dept., Iasi, Romania

$9^{30} - 9^{45}$

An Extensible Framework for Building Interactive Courses on Web, Sabin Corneliu BURAGA Faculty of Computer Science, "A.I.Cuza" University of Iasi, Romania

$9^{45} - 10^{00}$

Retrieving Universal Visual Paradigms, S.H.BEAN., Multimedia Group.Dept. of Computer Science, University College Cork. Rep. of Ireland

$10^{00} - 10^{15}$

IT Education of the Project Managers, Constanta Bodea, The Academy of Economic Studies, Bucharest, Romania

$10^{15} - 10^{30}$

Telemarketing, Lascu RÎCU, Georgeta ŞOAVĂ, University of Craiova, Faculty of Science Economics

$10^{30} - 10^{45}$

Multimedia Documents System as Support for Interactive Education, Georgeta DRULĂ, University of Bucharest, Bucharest, Romania

$10^{45} - 11^{00}$

Multimedia Programming Objects, Ion SMEUREANU, Marian DÂRDALĂ, Academy of Economic Studies, Bucharest, Romania

Section 2

Information Systems For Social Processes

Chairman:
Gheorghe SABĂU

Secretary:
Elena POSDARIE

16^{00} - 16^{15}

Optimal Trajectories of Business Development Taking into Account the Environment Protection, Anca ANDREI, Daniela MARINESCU Academy of Economic Studies, Bucharest, Romania

16^{15} - 16^{30}

On A Project Of IT Usage In Economic-Social Development At District Level, Virginia BUTESCU, Academy of Economic Studies, Bucharest, Romania

16^{30} - 16^{45}

The Human Resource–The Most Important Element of the Informational Society Development, Giani GRĂDINARU, Academy of Economic Studies, Bucharest, Romania

16^{45} - 17^{00}

About An Information Support System For The Medical Management Rahman HADI, "Bogdan Vodă" Foundation, Cluj-Napoca, Romania

17^{00} – 17^{15}

Privatisation And The Informational Society, Cătălin Emilian HUIDUMAC-PETRESCU Academy of Economic Studies, Departament of Economics, Bucharest, Romania

$17^{15} - 17^{30}$

Mutations économiques, sociales et culturelles induites par les nouvelles technologies de l'information et de la communication, Constanța MIHĂESCU, Academy of Economic Studies, Bucarest, Roumanie

$17^{30} - 17^{45}$

Controlling – Concept and Practical Method for Strategic and Operative Management of Investments, Camelia RATIU-SUCIU, Ph.D., Academy of Economic Studies, Bucharest, Romania

$17^{45} - 18^{00}$

Juridical Databases in Information Society, Cristian USCATU, Academy of Economics, Bucharest, Romania

$18^{00} - 18^{30}$

BREAK

Chairman: Secretary:
Vasile AVRAM   **Elena POSDARIE**

$18^{30} - 18^{45}$

L'echec De La Privatisation Dans La Capitalisation Des Firmes Roumaines, Gheorghe SANDU, Maître de conférences, Université « Ștefan cel Mare » de Suceava, Roumanie, Ovidiu Florin HURJUI, Ingénieur du système, Université « Ștefan cel Mare » de Suceava, Roumanie

$18^{45} - 19^{00}$

La personnalisation des systèmes informatiques de la Gestion des ressources humaines, Adriana Șchiopoiu Burlea, Université de Craiova Roumanie

$19^{00} - 19^{15}$

Detecting Divergent Observations in Large Periodical Social Survey, Emilia ȚIȚAN, Simona GHIȚĂ, Academy of Economic Studies, Bucharest, Romania

$19^{15} - 19^{30}$

Risk and Uncertainty in Information Systems for Insurance Management, Andreea Simona VARJOGHE, Academy of Economic Studies, Bucharest, Romania

$19^{30} - 19^{45}$

An Illustration of IT in Practice, Lect. Univ. drd. ing. Teodora VĂTUIU, Academia Română de Management, Str. Bradului nr. 3, Târgu Jiu, Gorj, România

$19^{45} - 20^{00}$

Stages in SSM, Manole VELICANU, Ion LUNGU, Mihaela MUNTEAN, Academy of Economic Studies, Bucharest, Romania

Section 3

Information Systems For Business And Regional Development

$12^{00} - 14^{00}$

Workshop: *New ways of work and activities*
Chairmen: Bogdan GHILIC-MICU, Romeo ILIE

1. **Communities On Line - a new step towards Information Society**, Angela IONITA, Drd. Romeo ILIE, National Institute for Research and Development in Informatics - ICI Bucharest, Romania

2. **Cybermarketing**, Bogdan GHILIC-MICU, Academy of Economics Studies, Economy Informatic Department, Bucharest, Romania

3. **Illustration of positive and negative interactions in marketing**, Niculae V. MIHĂIȚĂ, Academy of Economic Studies Cybernetics, Statistics and Informatics Faculty, Bucharest, Romania

4. **Intranet and Workgroup**, Ion Gh. ROȘCA, Marian STOICA, Academy of Economics Studies, Economy Informatic Department, Bucharest, Romania

5. **Telemedicine in the World of "Tele" Everything**, Marian STOICA, Academy of Economics Studies, Economy Informatic Department, Bucharest, Romania

6. **Interactive Distance Learning**, Ileana Adina UȚĂ, Academy of Economic Studies, Bucharest, Romania, Viorel UȚĂ, National Institute for Research and Development in Informatics – ICI, Bucharest, Romania

7. **New Business Solutions in the Internet Age**, Vasile BODEA, The Academy of Economic Studies, Bucharest, Romania

8. **Payment system for Small and Medium Enterprises (SME's)**, Dana COLIBABĂ, Academy of Economic Studies, Bucharest, Romania

9. **Implementing Tarantella Solution for eBusiness**, Cornel Sebastian ZUVELCĂ, CEC Găești, Romania

$14^{00} - 16^{00}$

B R E A K

$16^{00} - 18^{00}$

Workshop: *New economy and information society*
Chairmen: Constantin APOSTOL, Adrian TOIA

1. **Developing .Net Solutions**, Constantin APOSTOL, Viorel LUPU, Daniel BĂLĂCEANU, Academy of Economis Studies, Bucharest, Romania
2. **New paradigms of new economy**, Adrian TOIA, Western IQ Bucharest, Romania
3. **IS/IT Evaluation - A Major Challenge of the Emerging Information Society**, Gabriela AVRAM, AISTEDA Alba-Iulia, Romania
4. **Desire and Trust: Fundamentals of the New Economy**, Adrian MIHALACHE ,"Politehnica" University of Bucharest, Romania, Viorel IONESCU, Military Technical Academy, Bucharest, Romania
5. **Productivity and The Economic Growth**, Constantin DUGULEANĂ, Faculty of Economic Sciences, University TRANSILVANIA Brașov, Romania
6. **The Role of New Informational Technologies in Moldova's Small Business**, E. CHISLARU, S. PERETEATCU, A. SOLCAN, S. TUTUNARU, Chisinau, Republic of Moldova
7. **Le Développement des Entreprises Intelligentes dans le Domaine de l'e-business**, Maria-Gabriela HOZA, Facultatea de Științe Economice, UBB Cluj-Napoca, Romania, Patrick FERRÉ, I.U.T de Tarbes/ Université Paul SABATIER - Toulouse, France
8. **Some considerations about IT as Strategic Resource**, Gherasim ZENOVIC, Defence Research Agency, Ministry of National Defence, Bucharest, Romania, Aurelian IONESCU, Defence Policy Department, Ministry of National Defence, Bucharest, Romania
9. **Business Integration of the Enterprise Information Management "Core Business of the each Organism is the Information Business"**, Ibrahim KAPLAN, Kiever National Taras Shevcenko University, Ukraine
10. **WAP service and its economic applications**, Petru STEPANOV, Universitatea Banatului Timișoara, Facultatea de Științe Economice, România

Section 3

Information Systems For Business And Regional Development

$9^{00} - 11^{00}$

Workshop: *E-business*
Chairmen: Marius GURAN, Victor-Valeriu PATRICIU

1. **E-business Integration and Application Hosting**, Marius GURAN, University Politehnica of Bucharest, Romania
2. **Cryptographic methods and techniques for authentication through digital signature in e-commerce. Juridical controversies and national approach**, Ion Gh. ROŞCA, Floarea NĂSTASE, Octavian PAIU, Gabriel ŞUTAC, Carmen STANCIU, Academy of Economic Studies, Bucharest, Romania, Victor PATRICIU, Ion BICA, ATM Bucharest, Romania
3. **Theory, Concepts, and Practical Implications of an Organizational PKI**, Victor-Valeriu PATRICIU, Ion BICA, Military Technical Academy, Bucharest, Romania
4. **Business Process Integration through XM**, Floarea NĂSTASE, Academy of Economic Studies, Bucharest, Romania
5. **PRODCONT-BUSINESS a business to business software for petrochimical plants**, Cornel RESTEANU, Pavel Marius NISTOR, Research Institute for Informatics, Bucharest, Romania
6. **Intelligent Agents for E-Commerce**, Carmen STANCIU, Academy of Economic Studies, Bucharest, Romania
7. **Interconnection banking system development requirements**, Cristian DIACONU, Romania
8. **E-commerce and The Principles of Online Privacy**, Ion IVAN, Academy of Economic Studies Bucharest, Romania, Laurentiu TEODORESCU, D.G.F.P.C.F.S. Constanta
9. **Les précausations à prendre pour acheter par Internet**, Antoaneta BUTUZA, Universitatea de Vest Timisoara, Facultatea de Ştiinte Economice, Catedra de Informatică Economică, Timişoara, România

10. **The Key Principles of an Internet Banking Implementation**, Răzvan Daniel ZOTA, Academy of Economic Studies, Bucharest, Romania
11. **Actual Trend For on-line Transaction Security**, Tiberiu ZBÎRNEA, Ministry of Defense, Bucharest, Romania

11^{00} - 11^{30}
BREAK

11^{30} - 13^{30}

Workshop: *Management Information Systems, Intranet, Extranet*
Chairmen: Adrian PETRESCU, Tudor LEAHU

1. **WAP Phone Book**, Adrian PETRESCU, Nirvana POPESCU, Decebal POPESCU, Cornel POPESCU, George NICOLAE, Bucharest, Romania
2. **L'aspect fonctionnel d'organisation des informations de système managérial économique**, Tudor LEAHU, Université Cooperatiste-Commerciale de Moldova, Chişinău, Moldova
3. **How to Success in the Mobile Wireless Enterprise**, Adriana Elena CAILEANU, Infodesign Group S.A, Bucharest, Romania
4. **Internet révolutionne les achats**, Simona DALOTĂ, Universitatea de Vest Timişoara, Facultatea de Ştiinţe Economice, Catedra de Informatică Economică, Romania
5. **Internet and Intranet Portals**, Aniela DANCIU, The Academy of Economic Studies, Bucharest, Romania
6. **The impact of the Internet on the economical processess in the Republic of Moldova**, Nadejda DRUCIOC, The Free International University of Moldova, Chişinău, Moldova
7. **Mobile Agents: Are they a good solution?**, Ana Ramona LUPU, Academy of Economic Studies, Bucharest, Romania
8. **A model for representing product knowledge acquired from the web**, Costin BADICA, Dept.of Computer Science, King's College London, UK, Amelia BADICA, Valentin LITOIU, Faculty of Economic Studies, University of Craiova, Romania
9. **Managerial application for simulating firms rivalry**, Silvia SUMEDREA, „Transilvania" University, Brasov, Romania

Section 4

Economic Processes , Optimization And Models

Chairman:
Rodica MIHALCA

Secretary:
Iulian ÎNTORSUREANU

18^{30} - 18^{45}

Seasonal Time Series Forecasting Applied for the Unemployed and Unemployment Rate Analysis, Z. GOSCHIN, M. VĂTUI, Academy of Economics Study, Bucharest, Romania

18^{45} - 19^{00}

The Analysis of Economic Phenomena using Nonlinear Regression Models, Tudorel ANDREI, Andreea Iluzia IACOB, Academy of Economic Studies, Bucharest, Romania

19^{00} - 19^{15}

How to Restructure a Growth Portfolio, Adrian BADESCU, Andreea FULGA, Academy of Economic Studies, Bucharest, Romania

19^{15} - 19^{30}

Choosing The Regression Function For Modeling The Social-Economic Facts, Ovidiu TĂNĂSOIU, Cristina TRANDAŞ, Academy of Economic Studies, Bucharest, Romania

19^{30} - 19^{45}

On a Feasible Directions Method for Nonlinear Programming, Sorina GRAMATOVICI, Academy of Economic Studies

19^{45} - 20^{00}

Economics At A Turning Point, Christina SUCIU, Academy of Economic Studies Bucharest, Romania

Section 4

Economic Processes , Optimization And Models

| Chairman:
Marin DUMITRU | Secretary:
Iulian ÎNTOSUREANU |

9^{00} - 9^{15}

An Econometric Approach To The Impacts Of Greek Investment Banks' Long-Term Credit On Financial Growth, 1964-1997, Dr. George A. THANOS, Professor of Financial Management, Technological Educational Institution of Chalkis, Extr. Professor, Department of Economics, Hellenic Air Force Academy, Athens, Greece

9^{15} - 9^{30}

The Particularities Of The Cluster Surveys And The Properties Of The Specific Estimators, Prof. DR. Vergil VOINEAGU , Prof. DR. Constantin ANGHELACHE, Assistant Daniel Traian PELE , The Academy Of Economic Studies, Romania

9^{30} - 9^{45}

Two-Dimensional Cutting Stock Problems Using Evolutionary Algorithms, Prof.dr. Cs .FABIAN, Academy of Economic Studies, Economic Informatics Department, Bucharest, Romania

9^{45} - 10^{00}

Macroeconomic Decisions: Information And Model, Emil SCARLAT, Virginia MARACINE, Ph. D Cybernetics Department, Academy of Economic Studies Bucharest, Romania

10^{00} - 10^{15}

The optimal predictor mechanism of inflation. The optimal filter Kalman, Gheorghe OPRESCU, Dorin MITRUŢ, Academy of Economics Studies, Bucharest, Romania

10^{15} - 10^{30}

Profit Firm Forecasting Using an Econometric Model, Liliana DUGULEANĂ, Faculty of Economic Sciences, University *Transilvania*, Brasov, Romania

10^{30} - 10^{45}

Computer Simulated Business Model, Alexander Petkov PETKOV, University of Rousse, Department of "Business and management", Bulgary

10^{45} - 11^{00}

Une méthode d'implémentation d'un algorithme de détermination des exposants de Lyapunov dans situations chaotiques, pour un système dynamique qui régit l'évolution du taux de change, Prof.univ.dr. Ştefan BALINT, l'Université de l'Ouest de Timişoara, Timişoara, Roumanie , Asist.univ.drd. Mirela-Catrinel VOICU, l'Université de l'Ouest de Timişoara, Timişoara, Roumanie

11^{00} – 11^{30}

BREAK

Chairman:
Csaba FABIAN

Secretary:
Iulian ÎNTORSUREANU

11^{30} - 11^{45}

The Decision Of Strategy For A Homogeneous Strategic Unity, Ion DOBRE, Academy Of Economic Studies, Bucharest, România, Ion PĂUNESCU, University Spiru Haret, Bucureşti, România

11^{45} - 12^{00}

Programming Of Supply And Wares Stocks With Sesonal Demand, Conf. dr. Doina DĂNĂIAŢĂ, Asist. drd. ing. Alexandra POPOVICS, Universitatea de Vest, Timişoara, ROMÂNIA

12^{00} - 12^{15}

The Concept Of The Tourist Informational System, Maifer Remzie DEMIRBEC, "GAUDEAMUS" University, Constanta

12^{15} - 12^{30}

Nonlinear Aspects For The Transportation Problem, Lect. Dr. Dorina MOANTA, Academy of Economic Studies, Bucharest, Romania

12^{30} - 12^{45}

Financial Models Involving the Use of Computers, Marius HERBEI, University of Timisoara, Faculty of Science Economics, Carmen COVRIG

12^{45} - 13^{00}

Possibilities of modelling regional economic growth, Prof.dr. Daniela Luminita CONSTANTIN, Department of Statistics and Economic Forecasting, Academy of Economic Studies of Bucharest, Romania

13^{00} - 13^{15}

The application of utility theory within decision analysis, Florica LUBAN, The Academy of Economic Studies, Bucharest, Romania

13^{15} - 13^{30}

Discrete – Time Economic Model, Lecturer Gabriela MIRCEA, West University of Timişoara, Faculty of Economic Sciences, Departments of Economic Informatics, Timişoara, Romania

13^{30} – 15^{30}
BREAK

Chairman: Secretary:
Vasile NICA   Iulian ÎNTORSUREANU

15^{30} - 15^{45}

Review Of Analitical Models For Assesing Vulnerabilities Of Financial Systems, Lect.dr. Mircea BOŞCOIANU, Military Technical Academy Bucharest

$15^{45} - 16^{00}$

Quantitative Methods In Adjusted Forward-Rate Forecast, Ec.drd. Laura CALANCIA, Romanian Banking Institute, Romania

$16^{00} - 16^{15}$

Stochastic Frontier Approach To Efficiency Measurement, Luiza BĂDIN, Academy of Economic Studies, Bucharest, Romania, Roxana Ciumara, Academy of Economic Studies, Bucharest, Romania

$16^{15} - 16^{30}$

Mathematical Modelling For Optimal Investment Decisions, PhD student Constanţa Zoie Rădulescu, Bucharest, Romania, PhD Marius Rădulescu, Bucharest, Romania, PhD Sorin Rădulescu, Bucharest, Romania

$16^{30} - 16^{45}$

The Elements Of Contracts In Symmetrical Information Conditions, Stelian STANCU Phd. Department of Economic Cybernetics, Academy of Economic Studies –Bucharest, Romania

$16^{45} - 17^{00}$

Robust Automatic Classification, Emil STAN, Police Academy, Bucharest, Romania

$17^{00} - 17^{15}$

The Implementation Of The Earley-Based T&M-Formalisms For Adaptable Processing Interactions, Diana MICUSHA, Ph.D. Student, The ASM Mathematics and Computer Science Institute, Chishinau, Republic of Moldova

Section 5
Software Quality Management

Chairman:
Frederique BIENNIER

Secretary:
Paul CAZAN

$18^{30} - 18^{45}$

The Maintenance Of The Information Systems, Gheorghe SABAU, Academy of Economic Studies, Bucharest, Romania, Gica CRUCERU, Euro University Dragan, Brasov, Romania

$18^{45} - 19^{00}$

Gestion de la qualite de service pour un environnement distribue, Mathieu HERVE., F. BIENNIER, PRISMA – INSA de Lyon, France

$19^{00} - 19^{15}$

The Informatics Project Evaluation, Ion BOHĂLȚEANU, SC Petrom SA

$19^{15} - 19^{30}$

Analysis and Assessment of the Data Quality Characteristics, Otilia PARLOG, M.Ap.N. Bucharest, Romania

$19^{30} - 19^{45}$

Secure Web Access in an Environment of Mutual Distrust, Jeff MORGAN, Howard MORRIS , Venky KRISHNAN, Internet And Mobile Systems Laboratory, Hewlett-Packard Laboratories, USA, Anca-Andreea IVAN, Courant Institute Of Mathematical Sciences, New York University, New York, USA

Section 5

Software Quality Management

Chairman:
Dorin IRIMESCU

Secretary:
Paul CAZAN

$9^{00} - 9^{15}$

Developing Internationalized Software by Usig Standard C++, Dorin IRIMESCU, University "Politehnica" Of Bucharest, Bucharest, Romania

$9^{15} - 9^{30}$

Predictive Techniques in Image Compression/Decompression, Catalina-Lucia COCIANU, Academy Of Economic Studies Bucharest, Comp. Sci. Dept., Romania, Luminita STATE, University Of Pitesti, Comp. Sci. Dept., Romania

$9^{30} - 9^{45}$

Considerations Concerning the Efficiency of The Systems of Knowledge Testing and Evaluating, Ion COVALENCO, Anatol GODONOAGĂ, Academy Of Economic Studies, Chişinău, Republic Of Moldova

$9^{45} - 10^{00}$

Tools for Evaluating the Software's Reliability, Marian CRISTESCU, Land Forces Academy "Nicolae Bălcescu", Sibiu, Romania

$10^{00} - 10^{15}$

Secure Wap Transactions Using Set - Combining Mobility with Reliable Cryptography, Vlad PETRIC, Daniel DANCIU, Computer Engineering Dept., Transilvania Unviersity, Brasov, Romania

$10^{15} - 10^{30}$

Software Reliability using the Jelinski-Moranda Model, Sabin GORON, Nicolae TOMAI "Babes Bolyai" University, Cluj Napoca

$10^{30} - 10^{45}$

Procedures To Accredit The Electronic Public Notary, Ion IVAN, Academy of Economic Studies, Bucharest, Romania

$10^{45} - 11^{00}$

Some Social, Economical, Legal and Ethical Issues in Utilisation of the Information and Communications Technology, Stefan IANCU, Bucharest, Rumania

$11^{00} - 11^{30}$

B R E A K

Chairman: Secretary:
Virgil CHICHERNEA   **Paul CAZAN**

$11^{30} - 11^{45}$

Criteria for evaluating the quality of health related sites on Internet, Elena JITARU, Adriana ALEXANDRU, National Institute for R&D in Informatics, Bucharest, Romania, Ioana MOISIL, Lucian Blaga University of Sibiu, Romania

$11^{45} - 12^{00}$

Tools and Practices for Critical Information Asset Protection, Virgil CHICHERNEA, Romanian-American University, Alexandru TABUSCA, Balexpa S.R.L.

$12^{00} - 12^{15}$

An Evolutionary Method for Test Data Generation, Paul POCATILU, Bucharest, Romania, Teodor MIHAI, Limerick, Ireland

$12^{15} - 12^{30}$

Software Reliability Estimation In Uncertain Situations, Eng. Mihai POPESCU, Military Technical Academy, Bucharest, Romania

$12^{30} - 12^{45}$

Mis Development And Evaluation A Diagrammatic Overview, Carina TOADER, Dumitru STÂRCEA, Camera de Conturi Gorj, Târgu Jiu, România

$12^{45} - 13^{00}$

Importance of Human Factor in Software Ingineering, Liviu LUNGULESCU, Florian IONITA, Ministry Of Defense, Bucharest, Romania

$13^{00} - 13^{15}$

Metrics for Software Reuse, Emilia STANCIU, Banc Post, Bucharest, Romania

$13^{15} - 13^{30}$

End-To-End Performance of Wide Area Applications Using Active Names and Networks, Madalina MLAK, Academy Of Economic Studies – Bucharest, Romania

Section 6

Software Engineering

Chairman:
Ioan ODĂGESCU

Secretary:
Carmen STANCIU

$12^{00} - 12^{15}$

An Approach of the Minimum Flow Problem, Laura CIUPALĂ, Eleonor Ciurea, University "Transilvania" of Brasov, Romania

$12^{15} - 12^{30}$

Upon An Integer Allocation Problem, Claudiu VINȚE, Goldman Sachs Ltd., Tokyo, Japan

$12^{30} - 12^{45}$

Beowulf Clusters, Razvan BOLOGA, Academy of Economic Studies, Bucharest, Romania

$12^{45} - 13^{00}$

The Method Of The Informational Equations , Dumitru BALANEL, doctor of Ped. Sciences, Docent , Cooperative-Trade University

$13^{00} - 13^{15}$

Objects used by pointers in Delphi programming, Silviu BÂRZĂ, Universitatea Spiru Haret, Bucharest, Romania

$13^{15} - 13^{30}$

Concepts-Models-Algorithms-Constraints-Data Processing - Systemic Solution Or / And Non-Systemic Problem?, Nicolae BULZ

13³⁰ - 13⁴⁵

Bitmap Image Data Analysis, Felix FURTUNĂ, Academy of Economic Studies Bucharest

13⁴⁵ - 14⁰⁰

The Transformation Group 2d/3d In Graphics, Ioan ODAGESCU, Academy of Economic Studies, Bucharest, Romania

14⁰⁰ – 16⁰⁰

B R E A K

Chairman:
Adrian RABAEA

Secretary:
Carmen STANCIU

16⁰⁰ - 16¹⁵

The resolution principle and Prolog language, Adriana BARNOSCHI, Institutul de Management-Turism "EDEN", Bucuresti, Romania

16¹⁵ - 16³⁰

Towards an Integration of Business Process Modeling and Object-Oriented Software Development, Peter LOOS, Peter FETTKE, Chemnitz Univeristy of Technology, Chemnitz, Germany, {loos|peter.fettke}@isym.tu-chemnitz.de

16³⁰ - 16⁴⁵

Client-Server Database Applications Using Visual Programming, Lect. Cornelia MUNTEAN , Faculty of Economic Studies, West University of Timisoara, Romania

16⁴⁵ - 17⁰⁰

Parallel Algorithm to Solving the Option Pricing Equations of Financial Economics on a network of computers, Adrian RABAEA, "OVIDIUS" University, Constantza, Romania

17⁰⁰ - 17¹⁵

Toward a Definition of Fuzzy Processes, Lucian LUCA, Universitatea "Tibiscus", Timişoara, România, Conferenţiar dr. Ioan Despi, Universitatea de Vest, Timişoara, România

17^{15} - 17^{30}

Systolic Arrays, Gheorghe DODESCU, Academy of Economic Studies, Bucharest, Romania

17^{30} - 17^{45}

Pareto Optimality Of The Equilibrium Of A Competitive Market Economy With Public Goods, D. MARIN, Fl. MAICAN, Faculty of Economic Cybernetics, Statistics and Informatics, Bucharest, Romania

17^{45} - 18^{00}

About Duals and Minors in Matroid Theory, Laurenţiu MODAN, Academy of Economic Studies, Bucharest, Romania

Chairman:
Dumitru TODOROI

Secretary:
Carmen STANCIU

$9^{00} - 9^{15}$

On A Special Transportation Problem, Vasile NICA, Department of Economic Cybernetics, Academy of Economic Studies,Bucharest,Romania

$9^{15} - 9^{30}$

An Object-Oriented Specification Of The Object-Oriented Analysis And Design Methods, Dan JISA, Est-West Informatique Roumanie, Bucharest, Romania

$9^{30} - 9^{45}$

Workflow Document Management Model - Process Oriented Case Study –Export Sales Organization, Gheorghe OGRINJA, Tofan Grup, Bucharest, Romania

$9^{45} - 10^{00}$

Paradigms for Language Specification by BNF Rules, Emil M. POPA, Sibiu, Romania

$10^{00} - 10^{15}$

An Approach To Task Analysis For User Interface Design, Costin PRIBEANU[‡] & Jean VANDERDONCKT, National Institute for Research and Development in Informatics, Bucureşti, România, Université catholique de Louvain Louvain-la-Neuve, Belgium

$10^{15} - 10^{30}$

Parallel Numerical Solution of PDE arising from Finance , Monica RABAEA, Marius DINU , "OVIDIUS" University, Constantza, The 'Second Reader' Problem

$10^{30} - 10^{45}$

The *Second Reader* Problem Approach; Based on Maximum Flow, Sabin TABIRCA, Tatiana TABIRCA· University College Cork, Computer Science Department, Ireland, University of Manchester, Computer Science Department, England

$10^{45} - 11^{00}$

The Computerized Romanian Natural Language. Processing Development: Projects & Perspectives, Dumitru TODOROI, Prof.Ph.D. , Academy of Economic Studies of Moldova, Chishinau, Republic of Moldova.

$11^{00} - 11^{30}$

BREAK

Chairman: Secretary:
Maria MIROIU   **Carmen STANCIU**

$11^{30} - 11^{45}$

Using Dynamic Object Lists In Economic Applications Design, Conf. dr. ing. Mihaela MUNTEAN, West University of Timisoara, Romania

$11^{45} - 12^{00}$

Some Considerations Of Knowledge Representation Using Frames And Semantic Nets, Vasile PODARU , Bucharest, Romania

$12^{00} - 12^{15}$

Modeling the Multidimensional Information Systems , Mihaela MUNTEAN, Academy of Economic Studies, Bucharest, Romania

$12^{15} - 12^{30}$

Trends in information system design and programming, Conf. Univ. Dr. Vasile AVRAM, Academy of Economic Studies, Bucharest, Romania, Asist. Univ. Drd. Diana AVRAM, Euro University Dragan, Lugoj, Romania

$12^{30} - 12^{45}$

System Engineering Programs And Projects Planing, Gavril MALOS, Military Technical Academy, Bucharest

$12^{45} - 13^{00}$

The Management of Fuzzy Knowledge in Planning Systems, Vasile MAZILESCU, Department of Accounting and Informatics Economics, University "Dunarea de Jos" of Galați

$13^{00} - 13^{15}$

A Subclass Method Based On Minimizing The Cross-Entropy Of The Distribution Functions, Miroiu MARIA, University of Pitesti, Computer Science and Mathematics Department

$13^{15} - 13^{30}$

Considerations regarding open-source software development for profit, Marian ZAHARIA, Adriana POPA, "George Baritiu" University of Brasov, Romania

Software intelligence

Chairman:
Ioan ANDONE

Secretary:
Paul POCATILU

12^{00} - 12^{15}

Methodologies For Development Of Intelligent Systems.A Survey on Achievements and Prospects, Ioan ANDONE., Department of Economic Informatics, „Al.I.Cuza" University, Iaşi, Romania

12^{15} - 12^{30}

Time Series Prediction with Backpropagation Neural Networks and Applications in Economics, Marius BULACU, Department of Biophysics, Faculty of Physics, University of Bucharest, Romania

12^{30} - 12^{45}

Cooperation, Communication and Observation in Multi-Agent-Systems as main properties, Alexandru CICORTAS, Faculty of Mathematics, West University of Timisoara, Romania

12^{45} - 13^{00}

Analyzing Economical Performance of Central-East-European Countries Using Neural Networks and Cluster Analysis, Adrian COSTEA, Antonina KLOPTCHENKO, Barbro BACK, Åbo Akademi University and Turku Centre for Computer Science (TUCS), Turku, Finland

13^{00} - 13^{15}

Ontological Issues in a Multi-Agent System Supporting Business Process Reengineering, Alexandra GALATESCU, National Institute for R&D in Informatics, Bucharest , ROMANIA

13^{15} - 13^{30}

Automatic Map Labelling System using Genetic Algorithms, Laur IVAN & Ryan CONOR, Dept. of Computer Science and Information Systems, University of Limerick, Ireland

13^{30} – 16^{00}

BREAK

Chairman:
Constanța BODEA

Secretary:
Ramona LUPU

16^{00} – 16^{15}

Genetic evolution of neural networks for automatic construction of economic forecasting models, Klaus B. SCHEBESCH, Department of Economics, University of Bremen, Germany

16^{15} – 16^{30}

Using Neuronal And Genetic Algorithms To Project An Assembly Line, Carmen HARTULARI, Cybernetics Department, Academy of Economic Studies, Bucharest, Romania, Rodica MIHALCA, Economic Informatics Department, Academy of Economic Studies, Bucharest, Romania

16^{30} – 16^{45}

Information Technology-Neural Nets, Ioan NICOLAESCU, Military Technical Academy, Bucharest, Romania

16^{45} - 17^{00}

Some considerations on the decision support systems based on multi-agents, Rodica AVRAM- NIȚCHI, "Babeş-Bolyai" University, Cluj-Napoca, Romania

17^{00} – 17^{15}

Distributed Expert Systems in Naval Operations, Gabriel RAICU, Constanta Maritime University, Romania

17^{15} – 17^{30}

Evolutionary Scheduling for Software Projects, Iulian ÎNTORSUREANU, Department of Economic Informatics, Academy of Economic Studies, Bucharest, Romania

Section 8

Systems and data Bases

Chairman:	Secretary:
Ion LUNGU	Mihaela MUNTEAN

$18^{30} - 18^{45}$

Software prototype for analysis and modelling of the information circuit and flow, Ioan BOLDEA, Claudiu BRÂNDAŞ, University of the West Timişoara, Timişoara, Romania

$18^{45} - 19^{00}$

Database Design GIS PROJECT, Catalin Stefan CAUTES, "Constantin Brancoveanu" University, Braila, Romania

$19^{00} - 19^{15}$

Using Free Software for web based database applications, Florin RADULESCU, Politehnica University Bucharest, Romania

$19^{15} - 19^{30}$

MBS: Mobile Broadband System, Andrei GIREADA, Maxim Software S.R.L , Radu MANEA, ITC Networks S.R.L

$19^{30} - 19^{45}$

Client/server middleware: Solutions for Integration, Victoria IORDAN, University of the West Timişoara, Romania

Section 8

Systems and data Bases

Chairman: Secretary:
Horia GEORGESCU   Mihaela MUNTEAN

11^{30} - 11^{45}

Refinement of Stream X-machine Specifications, Florentin IPATE, Pitesti University, Pitesti, Romania

11^{45} - 12^{00}

An Algorithm to Improve Query Evaluation Efficiency in Parallel Systems, Dr. Engineer Georgios KAPENEKAS, Technological Education Institute Halkida Greece

12^{00} - 12^{15}

Data driven web pages using ASP+, Cătălin Ioan MAICAN, Transilvania University of Braşov, Romania

12^{15} - 12^{30}

Extension of UML over rule modeling, Mariana MOCANU, University POLITEHNICA from Bucharest, Romania, Vasile LUNGU, University POLITEHNICA from Bucharest, Romania

12^{30} - 12^{45}

Recent results on Communicating X - Machine Systems, Horia GEORGESCU, Faculty of Cybernetics, Statistics and Economic Informatics, Academy of Economic Studies, Bucharest, Romania

$12^{45} - 13^{00}$

A Cybernetic Approach To Technical System Design, Ioan STATE, Romanian - Canadian University, Brasov, Romania

$13^{00} - 13^{15}$

Benefits of Data Warehouse Technology in Financial Accounting System Reengineering, Cristina IONIȚĂ, TLC GmbH, Bucharest, Romania

$13^{15} - 15^{30}$

B R E A K

Chairman: Secretary:
Adrian VASILESCU   **Mihaela MUNTEAN**

$15^{30} - 15^{45}$

Voice over IP, Adrian VASILESCU, Academy of Economic Studies, Bucharest, Romania

$15^{45} - 16^{00}$

OOVMT Tools Limits in analyzing and designing Informatics Systems, Gabriela VÎRLAN, University „Dunărea de Jos" Galatz, Accounting and Economic Informatics Department, Faculty of Economic Sciences and Administration, Galatz, România

$16^{00} - 16^{15}$

New design test conditions for X- machines, Tudor BĂLĂNESCU, Faculty of Sciences, University of Pitești, Romania

$16^{15} - 16^{30}$

Numerical Computing in Java, Bogdan OANCEA, "Artifex" University, Bucharest, Romania

$16^{30} - 16^{45}$

Points of Intersection of Symmetrical Solutions Pf Reaction-Diffusion Processes, Panayiotis M.VLAMOS, Department of Mathematics, National Technical Univ. of Athens, Zografou Campus 157 80

General Chairmen

Prof. dr. Paul BRAN
Rector of Economic Studies Academy
Prof. dr. Constantin MITRUŢ
Dean of Economic, Cybernetics, Statistics and Informatics Faculty
Prof. dr. Ion IVAN
Head of Informatics Department
Prof. dr. Ion Gh. ROŞCA
Prezident of INFOREC Association

Program Committee

Constanţa BODEA
Frederique BIENNIER
Csaba FABIAN
Bogdan GHILIC-MICU
Afrodita IORGULESCU
Ion IVAN
Ion LUNGU

Rodica MIHALCA
Ioan ODĂGESCU
Vlamos PANAYIOTIS
Gheorghe SABĂU
Ion SMEUREANU
Dumitru TODOROI

Symposium Committee

Paul CAZAN
Marian DÂRDALĂ
Felix FURTUNĂ
Horia GEORGESCU
Afrodita IORGULESCU
Iulian ÎNTORSUREANU
Ramona LUPU
Mhaela MUNTEAN
Floarea NĂSTASE
Paul POCATILU

Elena POSDARIE
Carmen STANCIU
Marian STOICA
Traian SURCEL
Cristian USCATU
Adina UŢĂ
Adrian VASILESCU
Răzvan ZOTA
Doina MORARU
Marcel VOICA

Sponsorii Simpozionului

Ministerul Educației și Cercetării

acer

BANCA ROMÂNĂ PENTRU DEZVOLTARE
GROUPE SOCIETE GENERALE

ORACLE
BIG BUSINESS · SMALL BUSINESS · ALL BUSINESS
Romania

Microsoft Romania

OMNILOGIC BGS

Sama BIT, IBM România, Scop Computers, Sysware România,
Mercator, Editura Economică,
Centrul de Pregătire în Informatică, Compet,
NicolTana-Cheia, Glacial IMD,
Banc Post, Western I.Q.,
WizRom, Schwan-STABILO,
ADSE, Project Management România