



Third International Conference  
INFORMATION RESEARCH, APPLICATIONS AND EDUCATION  
27-30 June 2005, Varna

27.06.2005

10:00-10:20	Opening Session
10:20-11:20	<p><b>Data Models and Processing</b> Update-Retrieve Problem: Data Structures and Complexity <i>Jose Joaquin Erviti, <u>Adriana Toni</u></i></p> <p>The Distributed System of Databases on Properties of Inorganic Substances and Materials <i><u>Nadezhda N.Kiselyova</u>, Victor A.Dudarev, Ilya V.Prokoshev, Valentin V.Khorbenko, Andrey V.Stolyarenko, Dmitriy P.Murat, Victor S.Zemskov</i></p> <p>Software Development for Distributed System of Russian Databases on Electronics Materials <i>Valery Kornyshko, <u>Victor Dudarev</u></i></p>
11:20-11:40	Coffee break
11:40-13:30	<p><b>Knowledge Engineering</b> Classification of Biomedical Signals using the Dynamics of the False Nearest Neighbours (DFNN) Algorithm <i>Charles Newton Price, Renato J. de Sobral Cintra, David T. Westwick, <u>Martin P. Mintchev</u></i></p> <p>Tracking Sensors Bottleneck Problem Solution using Biological Models of Attention <i><u>Alexander Fish</u>, Orly Yadid-Pecht</i></p> <p>Neural Control Model of Chaotic Dynamic Systems <i>Cristina Hernández, <u>Juan Castellanos</u>, Rafael Gonzalo Molina, Valentín Palencia Alejandro</i></p> <p>Symbolic and Numeric Connectionist Models Solving NP-Problems <i><u>Luis Fernando de Mingo López</u>, Francisco Gisbert</i></p> <p>On Contradiction Degrees between Two Fuzzy Sets, Revisited <i><u>Carmen Torres</u>, Elena Castiñeira, Susana Cubillo, Victoria Zarzosa</i></p>
13:30-16:00	Break
16:00-18:00	<p><b>Software Engineering</b> Applying Hierarchical MVC Architecture to High Interactive Web Applications <i>Micael Gallego-Carrillo, <u>Iván García-Alcaide</u>, Soto Montalvo-Herranz</i></p> <p>A Sensitive Metric of Class Cohesion <i><u>Luis Fernández</u>, Rosalía Peña</i></p> <p>Новые направления развития СППР (Decision Support Systems) <i><u>Alexey Voloshin</u></i></p> <p>Нов подход към конструирането на блок-схемни езици <i><u>Стоян Порязов</u></i></p> <p>Визуализация на алгоритми и структури от данни <i><u>Ивайло Петков</u>, Сергей Георгиев</i></p>
18:00-20:00	Break
20:00	Welcome Party

09:00-10:00	<p>International Workshop "Business Informatics"</p> <p>Customer Satisfaction and Loyalty Research <u>Koen Vanhoof</u></p> <p>Viable Model of the Enterprise – a Cybernetic Approach for Implementing the Information Technologies in Management <u>Todorka Kovacheva</u></p>
10:00-10:20	Break
10:20-11:20	<p>Analysis of Movement of Financial Flows of Economical Agents as the Basis for Designing the System of Economical Security (General Conception) <u>Alexander Kuzemin, Vyacheslav Liashenko, Elena Bulavina, Asanbek Torojev</u></p> <p>Using ORG-Master for Knowledge Based Organizational Change <u>Dmitry Kudryavtsev, Lev Grigoriev, Valentina Kislova, Alexey Zablotsky</u></p> <p>Нормализация на представянето на бизнес-процеси <u>Стоян Порязов, Дженифер Трелевич, Христина Даскалова, Емилия Саранова</u></p>
11:20-11:40	Break
11:40-13:30	<p>INFRAWEB Project</p> <p>Semantic Web Service Development on the Base of Knowledge Management Layer - INFRAWEB Approach <u>Joachim Nern, Tatiana Atanasova, Gennady Agre, András Micsik, László Kovács, Janne Saarela, Timo Westkaemper</u></p> <p>INFRAWEB BPEL-Based Editor for Semantic Web Services Description <u>Tatiana Atanasova</u></p> <p>INFRAWEB Capability Editor – A Graphical Ontology-Driven Tool for Creating Capabilities of Semantic Web Services <u>Gennady Agre, Peter Kormushev, Ivan Dilov</u></p> <p>Adjusting WSMO API Reference Implementation to Support More Reliable Entity Persistence <u>Ivo Marinchev</u></p> <p>Семантично описание на уеб услуги и възможностите на BPEL4WS <u>Владислава Григорова</u></p> <p>Разглеждане на интеграцията на бизнес-приложенията като услуга <u>Христина Даскалова, Владислава Григорова</u></p>
13:30-16:00	Break
16:00-18:00	<p>Telecommunication Systems</p> <p>Architecture and Principles of Control for Multi-Agent Telecommunicational Systems of New Generation <u>Adil V. Timofeev</u></p> <p>Сравняване на възможностите за концептуално моделиране на Обобщените мрежи и Нормализираният структурен подход в областта на телетрафичните модели <u>Красимир Атанасов, Стоян Порязов</u></p> <p>Study on Procedures for Routing under Granting on Services in Packet Switching <u>Vassil Kadrev, Nikolai Penev</u></p> <p>Examination of Archived Objects' Size Influence on the Information Security when Compression Methods are Applied <u>Dimitrina Polimirova–Nickolova, Eugene Nickolov</u></p> <p>Концептуални модели, кортежи и видове телетрафични задачи <u>Стоян Ат. Порязов, Емилия Т. Саранова</u></p> <p>Determination of Necessary Conditions and Measurements for Solution of Human Behaviour Tasks in Telecommunication Systems <u>Emiliya Saranova</u></p>
18:00-20:00	Break
20:00	i.TECH Evening

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09:00-10:20	<p>Informatics in Education and Cultural Heritage Digitisation of Cultural Heritage: between EU Priorities and Bulgarian Realities <i><u>Milena Dobрева, Nikola Ikonov</u></i></p> <p>Информационные технологии в педагогике на примере курса “Теория принятия решений” в Киевском Университете <i><u>Алексей Волошин</u></i></p> <p>Programming Paradigms in Computer Science Education <i><u>Elena I. Bolshakova</u></i></p>
10:20-10:40	<p><i>Coffee break</i></p>
10:40-12:30	<p>Tutoring Methods in Distance Course «Web-design Technologies» <i>Valeriy Bykov, Yuriy Zhook, <u>Ganna Molodykh</u></i></p> <p>Учебная модель компьютера как база для изучения информатики <i><u>Евгений А. Еремин</u></i></p> <p>Historical Informatics in Practical Application: Virtual Museum of the Khazar State History <i>Boris Elkin, <u>Alexander Kuzemin</u>, Alexander Koshchy, Alexander Elkin</i></p> <p>Semiotic Levels Multimedia Presentations <i><u>Rumjana Stefanova</u></i></p>
12:30-13:30	<p>Closing Discussion</p>

30.06.2005

Excursion