

IADIS International Conference Applied Computing 2005

CONFERENCE PROGRAM

Tuesday 22nd, February 2005

08:30-20:00 Welcome Desk

09:45-10:00 Session O – Opening Session
(Room Carvoeiro)

OPENING SESSION
Prof. Pedro Isaías

10:00-11:00 Session KL1 – Keynote Presentation
(Room Carvoeiro)

ENGINEERING HYBRID SOFT COMPUTING SYSTEMS
Prof. Ajith Abraham, Chung-Ang University, Republic of Korea

11:00-11:30 Coffee Break

11:30-12:30 Session FP 22.1
Security
(Room Carvoeiro)

INTEGRATION OF THE IPSEC PROTOCOL IN A DOMESTIC NETWORK TO SECURE ITS FAN SUB-NETWORK (F068)
Larab Ali, Patrick Martineau and Pierre Gaucher
SEMANTICS OF THE PASSWORD-CAPABILITY SYSTEM (F142)
Dan Mossop and Ronald Pose

11:30-12:50 Session FSP 22.2
XML And Other Extensible Languages
(Room Alfanfina)

IMPLEMENTING A DATABASE PROGRAMMING LANGUAGE FOR XML APPLICATIONS (F037)
Henrike Schuhart and Volker Linnemann
A FLEXIBLE REPLICATION FRAMEWORK FOR SCALABLE AND RELIABLE .NET SERVICES (F131)
Hans P. Reiser, Michael J. Danel and Franz J. Hauck
XCG: A ONE-TO-ONE CLASS GENERATOR FOR XML LANGUAGES (S182)
Henrike Schuhart, Martin Lipphardt and Volker Linnemann

11:30-13:00 Session FSP 22.3
Visualization // Technologies For E-learning
(Room Vila de Lagoa)

OWL PARSER AND WIDE ONTOLOGIES VISUALIZATION (S248)
Radek Ćastoral
EVALUATION OF DIGITAL INTERACTION SUPPORT IN A LARGE SCALE LECTURE (S046)
Henning Bär, Guido Rößling, Susanne Köbler and Michael Deneke
A VISUALIZATION TOOL FOR STUDENT ASSESSMENT AND EVALUATION IN ONLINE LEARNING (S187)
Roya Foroughi and Francesca Taponecco
R-ZOOM: A VISUALIZATION TECHNIQUE FOR ALGORITHM ANIMATION CONSTRUCTION (F156)
Jaime Urquiza-Fuentes and Ángel Velázquez-Iturbide

11:30-12:50 Session FSP 22.4
WWW Technologies // Wireless Applications
(Room Porches)

APPLIED MIDDLEWARE: OBJECT-ORIENTED CONTENT MANAGEMENT COMPONENTS WITH MASON (F055)
Andres Cvitkovich and Markus Schranz
PAGE CONTENT RANK: AN APPROACH TO THE WEB CONTENT MINING (F185)
Jaroslav Pokorný and Jozef Smižanský
DEVELOPING WIRELESS DATABASE APPLICATION META-COMPOSER (S081)
Akira Kawaguchi

13:00-14:30 Lunch Break

14:30-16:30 Session FP 22.5
Parallel And Distributed Systems
(Room Carvoeiro)

ONE SIZE DOES NOT FIT ALL: A CASE FOR HETEROGENEOUS MULTIPROCESSOR SYSTEMS (F026)
Pedro Trancoso
INSTRUCTION LEVEL PARALLELISM OF STACK-CODE UNDER VARIED ISSUE WIDTHS, AND ONE-LEVEL BRANCH PREDICTION (F121)
Chris Bailey and Huibin Shi
PERFORMANCE AND ADAPTABILITY OF REPLICATED WEB SERVICES THROUGH MESSAGE PACKING (F188)
Etienne Antoniutti Di Muro
PERFORMING GLOBAL ADAPTATION WITH THE APPAT PLATFORM (F030)
Eric Garcia, Hervé Guyennet, Jean-Christophe Lapayre and Fabien Renard

14:30-16:30 Session FSP 22.6
Database Systems
(Room Alfanfina)

BENCHMARKING POSTGRESQL FOR DATA WAREHOUSING (F256)
Eduardo Cunha de Almeida and Marcos Sfair Sunye
OBJECT ORIENTED PLATFORM TO RDBMS STORED PROCEDURES (S009)
Óscar Narciso Mortágua Pereira, Joaquim de Sousa Pinto and António José Batel Anjo
COUPLING OPTYPAP WITH A DATABASE SYSTEM (S298)
Michel Ferreira and Ricardo Rocha
ENERGY-EFFICIENT DATA REPLICATION SCHEME CONSIDERING UPDATE TRANSACTIONS IN MOBILE AD-HOC NETWORKS (S252)
Aekyung Moon and Haengrae Cho
FRAMEWORK OF THE XOBE DATABASE PROGRAMMING LANGUAGE (F181)
Henrike Schuhart, Dominik Pietzsch and Volker Linnemann

14:30-16:30 Session FSP 22.7

Multimedia

(Room Vila de Lagoa)

AN ADAPTATIVE MODEL TO SUPPORT CHANGES IN THE DEVELOPMENT OF COMMUNICATIONAL AUGMENTATIVE SYSTEMS (F137)

N. Medina, M.L. Rodriguez, M.V. Hurtado and L. Garcia-Cabrera

AN APPEARANCE BASED METHOD FOR 3D MODEL COMPARISON (F300)

Hironobu Gotoda

AN ORIGINAL ADAPTIVE HYPERMEDIA AIRCRAFT HANDBOOK (S033)

Pascal Dayre and Hadj Batatia

IMAGE MATCHING UNDER GENERALIZED HOUGH TRANSFORM (S135)

Qiang Li and Bo Zhang

A NEW TECHNIQUE FOR ASSESSING THE PERFORMANCE OF OCRS (S239)

Rafael Dueire Lins and Neide Ferreira Alves

14:30-16:30 Session FP 22.8

Software Engineering

(Room Porches)

A MODELING FRAMEWORK FOR COMPLEX BEHAVIOR MODELING AND INTEGRATION (F020)

Jean-Marc Perronne, Alban Rasse, Laurent Thiry and Bernard Thirion

UML2ALLOY: A TOOL FOR LIGHTWEIGHT MODELLING OF DISCRETE EVENT SYSTEMS (F052)

Behzad Bordbar and Kyriakos Anastasakis

THE COMPUTATIONAL MODEL FOR A FLOW-BASED VISUAL PML (F076)

Kamal Zuhairi Zamli and Nor Ashidi Mat Isa

RESEARCH ASPECTS OF DISTRIBUTED SOFTWARE ENGINEERING TEAMS (F133)

Raghava G. Gowda

16:30-17:00 Coffee Break

17:00-18:00 Special Talk

(Room Carvoeiro)

AUTOMATED ENVIRONMENT VIA INFORMATION CYBERSPACE

Prof. Eduard Babulak, University Of Quebec In Rimouski, Canada

18:15-19:35 Session FSP 22.9

Ubiquitous Computing

(Room Carvoeiro)

DEVELOPING UBIQUITOUS COMPUTING APPLICATIONS (F105)

Michael Freeman and Chris Bailey

OPENING THE HOME: A WEB SERVICE APPROACH TO DOMOTICS (F109)

Marco Aiello, Maurizio Marchese, Paolo Busetta and Gaetano Calabrese

KBOS RUN-TIME ENVIRONMENT BASED ON DEVS FORMALISM (S053)

Mauro Marcelo Mattos

18:00-18:50 Session FSP 22.10

Software Engineering // Communications

(Room Alfanizina)

A LIFE CYCLE MODEL FOR KDD SYSTEMS (S040)

Dominique Renaud, Jean-Marc Perronne and Michel Hassenforder

STANDARDIZATION OF COMMUNICATION IN ENVIRONMENT - ENVIRONMENTAL REPORTING IN THE CZECH REPUBLIC (F267)

Lukáš Kokrment and Jiří Hřebíček

18:00-19:50 Session FSP 22.11

Algorithms

(Room Porches)

MULTI-FOLLOWER LINEAR BILEVEL PROGRAMMING: MODEL AND KUHN-TUCKER APPROACH (F150)

Jie Lu, Chenggen Shi, Guangquan Zhang and Da Ruan

DETECTING CONVERSING GROUPS OF CHATTERS: A MODEL, ALGORITHMS, AND TESTS (F045)

Seyit Ahmet Çamtepe, Mark Goldberg, Malik Magdon-Ismael and Mukkai Krishnamoorthy

FINDING COMMUNITIES BY CLUSTERING A GRAPH INTO OVERLAPPING SUBGRAPHS (F041)

Jeffrey Baumes, Mark Goldberg, Mukkai Krishnamoorthy, Malik Magdon-Ismael and Nathan Preston

NEW TECHNIQUE FOR DATA COMPRESSION (S072)

Eyas El-Qawasmeh and Ahmed Kattan

Wednesday 23rd, February 2005

08:30-18:30 Welcome Desk

09:00-10:00 Session KL2 – Keynote Presentation

(Room Carvoeiro)

DESIGNING AGENT SYSTEMS

Prof. Marcin Paprzycki, Oklahoma State University, USA

10:10-11:10 Session FP 23.1

Bioinformatics

(Room Carvoeiro)

A SEMANTIC TOOL FOR ANALYZING INTERACTION AMONG TRANSCRIPTION FACTORS (F228)

Ismael Navas-Delgado, Carlos Rodriguez-Caso, Maria del Mar Roldan-Garcia, Miguel Angel Medina and Jose F. Aldana-Montes

SELENOPROTEIN DISCOVERY USING NEURAL NETWORKS (F299)

Miguel Lupi Alves and Carlos Lourenço

10:10-11:10 Session SP 23.2

Evaluation and Assessment

(Room Alfanizina)

ADDING NEW FEATURES AND TOOLS TO KNOWLEDGE MANAGEMENT MODELS AND PORTALS (S015)

Teresa Florentino

IS/IT INVESTMENT APPRAISALS:

PRIORIMPLEMENTATION AND POST-IMPLEMENTATION EVALUATION THE GAP IN THE SYSTEMS' COSTS (S090)

Hussein Al-Yaseen

11:00 - 11:30 Coffee Break

11:30-13:00 Session FP 23.3

Case Studies And Applications

(Room Carvoeiro)

CASE STUDY: PRACTICAL EXPERIENCE OF A TECHNICAL QUALIFYING PROJECT TO VISUALLY AND MOBILITY IMPAIRED USING ACCESSIBILITY TOOLS (F059)

Cláudia Medronho Naumann and Sergio Guedes de Souza

IPV6 NEIGHBOR DISCOVERY PROTOCOL: A SECURITY CASE STUDY (F147)

Emilia Rosti and Julian Rrushi

HOME-BANKING SECURITY: A CASE STUDY (F218)

Rafael Dueire Lins

11:30-13:00 Session FP 23.4
Agent Systems And Applications
(Room Alfanfina)

DEVELOPING A JADE-BASED MULTI-AGENT E-COMMERCE ENVIRONMENT (F320)
Amalia Pirvanescu, Costin Badica and Marcin Paprzycki
MIGRATING STATEFUL WEB SERVICES USING APACHE AXIS AND P2P (F013)
Beda Christoph Hammerschmidt and Volker Linnemann
AGENT ROLE LOCKING (ARL): THEORY FOR MULTI AGENT SYSTEM WITH E-LEARNING CASE STUDY (F143)
Salaheddin J. Juneidi and George A. Vouros

13:00-14:30 Lunch Break

14:30-16:10 Session FSP 23.5
Data Mining
(Room Carvoeiro)

BAYESIAN BASED CLASSIFIER FOR MINING IMAGE CLASSES (F018)
Zafer Al Aghbari, Rachid Sammouda and Jamal Abu Hassan
MAIN RETRIEVAL SYSTEMS' PARAMETERS ANALYZE (F140)
João Ferreira, Alberto Rodrigues da Silva and José Delgado
USING WELL DEFINED TOKENS IN SIMILARITY FUNCTION FOR RECORD MATCHING IN DATA CLEANING TECHNIQUES (S175)
Rawshan Basha
A STATISTICAL APPROACH TO FRAUD DETECTION IN EXTERNAL TRADE (S190)
Veska Noncheva and Charalambos Moussas

14:30-16:50 Session SP 23.6
Parallel And Distributed Systems
(Room Alfanfina)

DESIGN OF A CORBA LICENSING SERVICE (S139)
Aymeric Nys and Karim El Guemhioui
APPLICABILITY OF PARALLEL FILE SYSTEMS FOR TECHNICAL SIMULATIONS: A CASE STUDY (S211)
Andreas Boklund, Nima Namaki, Christian Jiresjö, Stefan Mankefors-Christiernin and Linn Gustavsson-Christiernin
A MODULAR MIDDLEWARE FOR RELIABLE DISTRIBUTED PROGRAMMING (S244)
Mikel Larrea, Alberto Lafuente and Cristian Martin
AN EXTENDED OTIS-CUBE INTERCONNECTION NETWORK (S245)
Jehad Al-Sadi
A COMPONENT MODEL FOR HIGH LEVEL AND EFFICIENT PARALLEL PROGRAMMING ON DISTRIBUTED ARCHITECTURES (S268)
Francisco Heron de Carvalho Junior and Rafael Dueire Lins
DYNAMIC JOB SCHEDULING IN UNIFORM HYPERCUBE MULTIPROCESSORS USING A BOUNDARY VALUE BIN PACKING APPROACH FOR DETERMINISTIC MODELS (S284)
Srinivasan T., Srikanth P.J.S., Harish Subramaniam L. and Praveen K.
JMS CLUSTERING IN ARJUNA MESSAGE SERVICE: DEPENDABILITY, PERFORMANCE AND MANAGEABILITY (S194)
Etienne Antoniutti Di Muro, David Ingham and Arnaud Simon

14:30-15:50 Session FSP 23.7
Intelligent Systems // Agent Systems And Applications
(Room Porches)

COLLABORATIVE AGENT LEARNING USING HYBRID NEUROCOMPUTING (F224)
Saulat Farooque, Lakhmi Jain and Ajith Abraham
THE PRESENTER ROLE MONITORING CAPABILITY IN A MULTI AGENT ENVIRONMENT (F292)
Paulo T. Silva, Luís Moniz and Helder Coelho
AN INTELLIGENT MOVIE PRODUCTION SYSTEM (S306)
Jinhong Shen, Seiya Miyazaki, Terumasa Aoki and Hiroshi Yasuda

14:30-15:50 Session FSP 23.8
Software Engineering // Protocols And Standard
(Room Algar Seco)

APPLYING OPERATIONAL PROFILES TO EXISTING RANDOM TESTING RESULTS:MEETING THE SQUARE ROOT EFFICIENCY CHALLENGE (F154)
Stefan Mankefors-Christiernin and Andreas Boklund
A UNIFIED KNOWLEDGE REPRESENTATION MODEL FOR KDD SYSTEMS (S039)
Dominique Renaud, Jean-Marc Perronne and Michel Hassenforder
PROGRESSIVE ON-THE-FLY TEST METHOD (F301)
Jorge Mamede, Eurico Carrapatoso and Manuel Ricardo

16:30-17:00 Coffee Break

17:00-18:30 POSTER SESSION
(Room Alfanfina)

18:30-19:20 Session FSP 23.9
Virtual Reality
(Room Carvoeiro)

REGION WARPING IN A VIRTUAL REALITY SYSTEM WITH PRIORITY RENDERING (F183)
Yang-Wai Chow, Ronald Pose and Matthew Regan
DESIGN ISSUES IN HUMAN VISUAL PERCEPTION EXPERIMENTS ON REGION WARPING (S102)
Yang-Wai Chow, Ronald Pose and Matthew Regan

18:00-19:30 Session FP 23.10
Applied Information Systems
(Room Algar Seco)

PSYCHOLOGICAL THERAPY ARTIFACTS – USAGE AND EDITING WITH PDAS (F042)
Marco Sá and Luís Carriço
TOWARDS A METHODOLOGY FOR ONTOLOGY DEVELOPMENT IN SMALL AND MEDIUM-SIZED ENTERPRISES (F222)
Annika Öhgren and Kurt Sandkuhl
A MODEL FOR DEVELOPING J2EE APPLICATIONS BASED ON DESIGN PATTERNS (F307)
Virgilio Gilart-Iglesias, Francisco Maciá-Pérez, Antonio Hernández-Sáez, Diego Marcos-Jorquera and Juan Manuel García-Chamizo

19:30 Welcome Cocktail

Thursday 24th, February 2005

08:30-15:00 Welcome Desk

9:00-11:10 Session FSP 24.1
WWW Applications and Technologies
(Room Carvoeiro)

SERVICE ORIENTED ARCHITECTURES FOR BUSINESS PROCESS MANAGEMENT SYSTEMS (F064)
Alexander Ivanyukovich and Maurizio Marchese
TRAFFICANALYSER: A TRAFFIC ANALYSIS TOOL FOR IP NETWORK (S058)
Hugo Machado Falcão, Osvaldo Ferreira Alves and Carlos Frederico Marcelo da Cunha Cavalcanti
METHODOLOGY FOR DYNAMIC WEB PAGES ASSEMBLY (S008)
Óscar Narciso Mortágua Pereira, Joaquim de Sousa Pinto and António José Batel Anjo
OPENING WEB SERVICES WITH USER ADAPTATIONS (S025)
Enric Jaén Villoldo and Joan Serrat-Fernandez
MERGING XPATH AND URLS FOR ENHANCED WEB AND WEB SERVICE DATA RETRIEVALS (S287)
Daniel Giribet
VIRTUAL SIMULATOR OF DAIRY INDUSTRIES (S164)
E. Arias-Jordan, S. Argüeso, M^oP. Fdez-Albalat, J. Díaz Bruguera and J. Méndez

9:00-10:30 Session FSP 24.2
Security
(Room Alfanizina)

SPARSE ELLIPTIC CURVE CRYPTOGRAPHY TO IMPROVE THE ELECTRONIC PAYMENT SYSTEMS (F095)
Essam Al-Daoud, Khalid Al-Tahat and Hamed Al-Fawareh
NEXT GENERATION OF OPERATING SYSTEMS DESIGN BASED ON KNOWLEDGE ABSTRACTION (S048)
Mauro Marcelo Mattos
ON NETWORK SECURITY AND INTERNET VULNERABILITY (S079)
Deval Patel, Mirka Miller and Keyurkumar J. Patel
TESTING OF NATIVE ARTIFICIAL IMMUNE SYSTEM FOR THE PROTECTION OF COMPUTER NETWORKS (S238)
Andrea Visconti

9:00-9:40 Session SP 24.3
Information Retrieval
(Room Porches)

A SIMPLE APPLICATION OF DESCRIPTION LOGICS FOR A SEMANTIC SEARCH ENGINE (S004)
Serge Linckels and Christoph Meinel
PERSONALIZED FILTERING SYSTEMS BASED ON THE MULTI-METHODS COMBINATION (S138)
João Ferreira, Alberto Rodrigues da Silva and José Delgado

09:00-10:10 Session FSP 24.4
Usability Issues
(Room Algar Seco)

EARLY INVESTMENT IN USER ORIENTED DESIGN VERSUS LONG TIME USABILITY ROBUSTNESS (F148)
Linn Gustavsson Christiernin and Stefan Mankefors-Christiernin
USABILITY OF LABVIEW FOR INSTRUCTIONAL TOOLS (S207)
Susan O. Omodafe, Stella C. Chiemeké and Stephen U. Egarievwe
CULTURE-BASED USER INTERFACE DESIGN (S285)
Cai Xinyuan

10:15-11:15 Session SP 24.5
Agent Systems And Applications
(Room Algar Seco)

NEGOTIATION IN REAL-TIME MULTI-AGENT SYSTEMS (S266)
Patricia Maldonado, Carlos Carrascosa and Vicente Botti
HEURISTICS FOR MULTIPLE KNAPSACK PROBLEM (S007)
Stefka Fidanova
SOLVING THE PROBLEM OF INTEGRATING A CLIENTSERVER ARCHITECTURE WITH A MULTI-AGENT SYSTEM IN THE EDUCATIONAL DOMAIN (S208)
Adolfo Riera Alvarez, Eduardo Sánchez Vila, Xosé A. Vila Sobrino, Manuel Lama Penin, Elke Hinrichs and Rudolf Ruland

11:00-11:30 Coffee Break

11:30-12:30 Session FP 24.6
Bioinformatics
(Room Carvoeiro)

BIO-BROKER: A BIOLOGICAL DATA AND SERVICES MEDIATOR SYSTEM (F061)
José F. Aldana, Manuel Hidalgo-Conde, Ismael Navas, María del Mar Roldán and Oswaldo Trelles
COMPUTING ATTRACTORS IN DYNAMIC NETWORKS (F089)
Elena Dubrova, Maxim Teslenko and Hannu Tenhunen

11:30-13:00 Session FP 24.7
Information Retrieval
(Room Alfanizina)

QUERY EXPANSION USING WORDNET WITH A LOGICAL MODEL OF INFORMATION RETRIEVAL (F084)
David Parapar, Alvaro Barreiro and David E. Losada
A SIMPLE SOLUTION FOR AN INTELLIGENT LIBRARIAN SYSTEM (F176)
Serge Linckels and Christoph Meinel
ENHANCED PATH NAVIGATION IN XML (F199)
Weiyi Ho and Bai Li

11:30-13:00 Session FP 24.8
e-Commerce Theory And Practice
(Room Algar Seco)

THE BUSINESS IMPACTS OF B-TO-B E-COMMERCE IN MANUFACTURING SMES (F100)
Louis-A. Lefebvre, Elie Elia, Harold Boeck and Élisabeth Lefebvre
A FORMAL APPROACH SUPPORTING THE SPECIFICATION AND VERIFICATION OF BUSINESS CONVERSATION REQUIREMENTS (F265)
Alessandra Cherubini, Enzo Colombo, Chiara Francalanci and Paola Spoletini
MARKETING ACTIVITIES OF POLISH INTERNET RETAILERS (F321)
Piotr Drygas, Marek Kowalkiewicz and Marcin Paprzycki

13:00-14:30 Lunch Break

14:45 Conference Tour and Dinner

Friday 25th, February 2005

08:30-13:00 Welcome Desk

09:00-10:40 Session FSP 25.1

**Bioinformatics
(Room Carvoeiro)**

A GRID-BASED SYSTEM FOR INTEGRATING BIOINFORMATICS APPLICATIONS (F103)
Xiujun Gong, Kei Yura and Nobuhiro Go
AUTOMATIC ACTOMYOSIN COMPLEX SELECTION USING SVM (F191)
Jianfei Yang, Takeshi Ohashi and Takuo Yasunaga
MODELLING OF THE SIGNALING PATHWAY OF ARABIDOPSIS THALIANA (S281)
Claudia Täubner and Till Merker
ANALYSIS OF SECURITY PROTOCOLS FOR AUTHENTICATION IN DISTRIBUTED SYSTEMS (S312)
H. A. Eneh and O. Gemikonakli

09:00-11:00 Session FSP 25.3

**Technologies for E-learning
(Room Alfanizina)**

QUALITATIVE EVALUATION OF E-LEARNING USING A VISUALISATION TOOL (F005)
Stephen Sobol, Catherine Stones and Andrew Whitworth
LEARNING OBJECT REPOSITORIES ARE USEFUL, BUT ARE THEY USABLE? (F237)
Xavier Ochoa
APPLYING ADVANCED UML BASED TESTING METHODOLOGY TO E-LEARNING (S032)
Jinghua Gao, Eda Marchetti and Andrea Polini
A COMPARISON AND EVALUATION OF OPEN SOURCE LEARNING MANAGEMENT SYSTEMS (S044)
Jamil Ahmad Imazi, Miguel Gea Megias, Patricia Paderewski and F.L. Gutiérrez
THE APPLICATION OF VIRTUAL CLASSROOM THROUGH KMUTT LEARNING MANAGEMENT SYSTEM: A CASE STUDY OF ETE 311 COURSE (S272)
Kalayanee Jitgarun, Thitinai Susantitanon, Somchai Arunrungrusmi, Charathip Chunkul and Anuvat Tongsakul

09:00-10:50 Session FSP 25.4

**Evaluation And Assessment
(Room Algar Seco)**

EVALUATING THE QUALITY OF THE RELATIONAL MODEL AND THE RDF: A COMPARATIVE STUDY (F134)
Helena Simões Patrício and Pedro Nogueira Ramos
HARDWARE IMPLEMENTATION OF SIMILARITY FUNCTIONS (S257)
Michael Freeman, Michael Weeks and Jim Austin
TRITON – A SYSTEM FOR ANALYSIS OF BIOMONITORING DATA AND ITS ROBUST SOLUTION FOR MULTIVARIATE TYPOLOGY OF RIVER LOCALITIES (S262)
Jiří Jarkovský, Petr Pavliš, Ladislav Dušek and Jan Hodovský
Michael Freeman, Michael Weeks and Jim Austin
WEBSITES, WIKIS, WEBLOGS, COMMUNITIES OF PRACTICE AND KNOWLEDGE (S057)
Teresa Florentino
EVALUATING REAL-TIME CREDIT-CONTROL SERVER ARCHITECTURES IMPLEMENTED ON A STANDARD PLATFORM (S195)
Piotr Tomaszewski, Lars Lundberg, Jim Håkansson and Daniel Häggander

11:00-11:30 Coffee Break

11:30-13:30 Session FP 25.4

**Intelligent Systems // Agent Systems And Applications
(Room Carvoeiro)**

PATTERNS AND CONFLICTS FOR THE SPECIFICATION OF COGNITIVE MODELS (F269)
F. Mili, A. MacKlem, S. Dungrani and C. Adams
DECENTRALIZED COOPERATIVE MANAGEMENT: A BOTTOM-UP APPROACH (F113)
Sam Michiels, Nico Janssens, Wouter Joosen and Pierre Verbaeten
IMPLEMENTING SEMANTIC WEB AGENTS THAT LEARN UPON EXPERIENCE: A MACHINE LEARNING MODULE FOR THE CWM RULE SYSTEM (F099)
Ossi Nykänen
THE PROMUS AGENT SYSTEM, A TOOL TO ASSESS A VIRTUAL TEAM'S PERFORMANCE (F144)
Mauro Nunes and Henrique O'Neill

11:30-13:30 Session FP 25.5

**Parallel And Distributed Systems // Algorithms
(Room Alfanizina)**

PARALLEL GLOBAL CONVERGENT ALGORITHMS FOR SOLVING THE INVERSE ADDITIVE SINGULAR VALUE PROBLEM (F051)
Diego Alejandro Campo Aristizabal, Francisco José Correa Zabala, Georgina Flores Becerra and Antonio M. Vidal Maciá
A LOAD-BALANCING DISTRIBUTED PLATFORM FOR WEB SERVERS BASED ON DIFFERENTIATED SERVICES (F065)
Antonio Serra, Dominique Gaiti, Giovanni Barroso, Jérôme Boudy and Ronaldo Ramos
AI GAME PLAYING APPROACH FOR FAST PROCESSOR ALLOCATION IN HYPERCUBE SYSTEMS USING VEITCH DIAGRAM (F263)
Srinivasan T., Srikanth P.J.S., Praveen K. and Harish Subramaniam L.
GRID-BASED STATISTICAL TIMING ANALYSIS (F296)
Luis Guerra e Silva and L. Miguel Silveira

11:30-12:50 Session FSP 25.6

**Networking // Embedded Systems
(Room Algar Seco)**

A DEVELOPMENT FRAMEWORK FOR THE PROVISION OF INTEGRATED MANAGEMENT SERVICES (F129)
Martin Hans Knahl
A NETWORKED VIRTUAL ENVIRONMENT COMMUNICATIONS MODEL USING PRIORITY UPDATING (F101)
Yang-Wai Chow, Ronald Pose and Matthew Regan
IMPLEMENTING TINY EMBEDDED SYSTEMS WITH NETWORKING CAPABILITIES (S161)
Renato Jorge Caleira Nunes

13:45 Closing Session (Room Carvoeiro)

Prof. Pedro Isaías