MONDAY 26

DOA
Mon 26 Nov

08:00-09:00 registration

09:00-10:00 OTM Opening, DOA’07 Keynote
Mark Little, Red Hat
Transaction processing in a Service Oriented Architecture

10:00-10:30 Coffee break

10:30-12:30 Session 1: Middleware and Web Services
Session Chair: Pascal Felber
Flexible Reuse of Middleware Infrastructures in Heterogeneous IT Environments
Ralf Wagner and Bernhard Mitschang

Self-optimization of Clustered Message-Oriented Middleware
Christophe Taton, Noel De Palma, Sara Bouchenak, Daniel Hagimont

Minimal Traffic-constrained Similarity-based SOAP Multicast
Khoi Anh Phan, Zahir Tari, Peter Bertók, Andrew Fry

Implementing a State-based Application Using Web Objects in XML
Carlos R. Jaimez and Simon M. Lucas

12:30-14:00 Lunch

14:00-15:30 Session 2: Mobility and Distributed Algorithms
Session Chair: Eiko Yoneki
An Adaptive Coupling-Based Algorithm for Internal Clock Synchronization of Large Scale Dynamic Systems
Roberto Baldoni, Angelo Corsaro, Leonardo Querzoni, Sirio Scipioni, Sara Tucci-Piergiovanni

Reviewing Amnesia Support in Database Recovery Protocols
Rubén de Juan-Marin, Luis H. García-Muñoz, J. Enrique Armendáriz-Iñigo, Francesc D. Muñoz-Escó

Agreements and Policies in Cooperative Mobile Agents: Formalization and Implementation
Fuyuki Ishikawa, Nobukazu Yoshioka, Shinichi Honiden

15:30-16:00 Coffee

16:00-17:30 Session 3: Aspects
Session Chair: Caspar Ryan
Experience with Dynamic Crosscutting in Cougaar
John Zinky, Richard Shapiro, Sarah Siracuse, Todd Wright

**Property-preserving evolution of components using VPA-based aspects**
Dong Ha Nguyen, Mario Südholt

**Multi-Stage Aspect-Oriented Composition of Component-based Applications**
Bert Lagaisse, Eddy Truyen and Wouter Joosen

**17:30-18:30 IS’07 Keynote**
Whitfield Diffie, Sun Microsystems
*The Past, Present, and Future of Information Security*

**19:00 OTM Welcome Reception**

**IS**

**Mon 26 Nov**

**08:00-09:00** Registration

**09:00-10:00** OTM Opening, DOA’07 Keynote
**Mark Little**, Red Hat
*Transaction processing in a Service Oriented Architecture*

**10:00-10:30** Coffee break

**10:30-12:30** Session label: **Access Control and Authentication**
Session chair: **Simão Melo de Sousa**, University of Beira Interior (Portugal)

**E-Passport: Cracking Basic Access Control Keys**
Yifei Liu (Ruhr University Bochum, Germany), Timo Kasper (Ruhr University Bochum, Germany), Kerstin Lemke-Rust (Ruhr University Bochum, Germany), Christof Para (Ruhr University Bochum, Germany)

**Managing Risks in RBAC Employed Distributed Environments**
Ebru Celikel (University of Texas at Dallas Richardson, USA), Murat Kantarcıoglu (University of Texas at Dallas Richardson, USA), Bhavani Thuraisingham (University of Texas at Dallas Richardson, USA), Elisa Bertino (Purdue University West Lafayette, USA)

**STARBACK: Spatiotemporal Role Based Access Control**
Subhendu Aich (Indian Institute of Technology, Kharagpur, India), Shamik Sural (Indian Institute of Technology, Kharagpur, India), A. K. Majumdar (Indian Institute of Technology, Kharagpur, India)

**Authentication Architecture for eHealth Professionals**
Helder Gomes (IEETA/ESTGA- University of Aveiro, Portugal), João Paulo Cunha (IEETA/University of Aveiro, Portugal), André Zúquete (IEETA/University of Aveiro, Portugal)

**12:30-14:00** Lunch

**14:00-15:30** Session label: **Intrusion Detection**
Session chair: **Henrique Santos**, University of Minho (Portugal)

**On RSN-oriented Wireless Intrusion Detection**
Alexandros Tsakountakis (University of the Aegean, Greece), Georgios Kambourakis (University of the Aegean, Greece), Stefanos Gritzalis (University of the Aegean, Greece)
A Hybrid, Stateful and Cross-Protocol Intrusion Detection System for Converged Applications
Bazara Imam Ali Barry (University of Cape Town, South-Africa), H. Anthony Chan (University of Cape Town, South-Africa)

Toward Sound-Assisted Intrusion Detection Systems
L. Qi, (University of Ontario Institute of Technology, Canada), M. Vargas Martin (University of Ontario Institute of Technology, Canada), M. Garcia-Ruiz, (University of Colima, Mexico), M. Green (University of Ontario Institute of Technology, Canada), B. Kapralos (University of Ontario Institute of Technology, Canada)

15:30-16:00 Coffee

16:00-17:30 Session label: System and Services Security
Session chair: Mário Freire, University of Beira Interior (Portugal)

End-to-End Header Protection in Signed S/MIME
Lijun Liao (Ruhr-University Bochum, Germany), Jörg Schwenk, (Ruhr-University Bochum, Germany)

Estimation of Behavior of Scanners based on ISDAS Distributed Sensors
Hiroaki Kikuchi (Tokai University, Japan), Masato Terada (Hitachi, Ltd., Japan), Naoya Fukuno, (Tokai University, Japan), Norihisa Doi (Chuo University, Japan)

A Multi-core Security Architecture based on EFI
Xizhe Zhang (Shanghai Jiao Tong University, China), Yong Xie (Shanghai Jiao Tong University, China), Xuejia Lai (Shanghai Jiao Tong University, China), Shensheng Zhang (Shanghai Jiao Tong University, China), Zijian Deng (Southwest Jiaotong University, China)

17:30- 18:30 IS’07 Keynote
Whitfield Diffie, Sun Microsystems
The Past, Present, and Future of Information Security

19:00 OTM Welcome Reception
DOA

Tue 27 Nov

08:00-09:00  Registration

09:00-10:00  ODBASE’07 Keynote
York Sure, SAP
Towards Next Generation Value Networks

10:00-10:30  Coffee break

10:30-12:30  Session 1: Frameworks
Session Chair: John Keeney

Building Adaptive Systems with Service Composition Frameworks
Liliana Rosa, Luís Rodrigues, Antónia Lopes

The Conceptualization of a Configurable Multi-party Multi-message Request-Reply Conversation
N. Mulyar, L. Aldred, W.M.P. van der Aalst

A Bluetooth-based JXME infrastructure
Carlo Blundo and Emiliano De Cristofaro

12:30-14:00  Lunch

14:00-15:30  session 2: Development Tools and Testbeds
Session Chair: Pascal Felber

An Eclipse-based Tool for Symbolic Debugging of Distributed Object Systems
Giuliano Mega and Fabio Kon

NSLoadGen - A Testbed for Notification Services
Diego Palmisano and Mariano Cilia

Invasive patterns for distributed programs
Luis Daniel Benavides Navarro, Mario Südholt, Remi Douence, Jean-Marc Menaud

15:30-16:00  Coffee

16:00-17:30  Poster session

AWSM: Infrastructure for Adaptive Web Service Migration
Holger Schmidt, Rüdiger Kapitza, Franz J. Hauck, Hans P. Reiser

Generic Proxies - Supporting Data Integration Inside the Database
Andrei Vancea, Michael Grossniklaus, Moira C. Norrie

A Deterministic Database Replication Protocol Where Multicast Writesets Never Got Aborted
J. R. Juárez-Rodríguez, J. E. Armendáriz-Iñigo, F. D. Muñoz-Escoí, J. R. González de Mendivil, J. R. Garitagoitia

Data Synchronization in an Instance-Mapped P2P
Md Mehedi Masud, Iluju Kiringa and Hasan Ural
ODBASE

Tue 27 Nov

08:00-09:00  Registration

09:00-10:00  ODBASE’07 Keynote
York Sure, SAP  
Towards Next Generation Value Networks

10:00-10:30  Coffee break

10:30-12:30  Session label: Ontology Mapping & Matching
Session chair: Steffen Staab

Combining the Semantic Web with the Web as Background Knowledge for Ontology Mapping
Rubén Vázquez (Universidad Politécnica de Madrid, Spain)

Discovering Executable Semantic Mappings Between Ontologies
Han Qin (Computer and Information Science, University of Oregon, USA), Dejing Dou (Computer and Information Science, University of Oregon, USA), Paea LePendu (Computer and Information Science, University of Oregon, USA)

Interoperability of XML Schema Applications with OWL Domain Knowledge and Semantic Web Tools
Chrisa Tsinaraki (TUC/MUSIC, Technical University of Crete Campus, Greece), Stavros Christodoulakis (TUC/MUSIC, Technical University of Crete Campus, Greece)

Matching of Ontologies with XML Schemas using a Generic Metamodel
Christoph Quix (RWTH Aachen University, Informatik 5, Germany), David Kensche (RWTH Aachen University, Informatik 5, Germany), Xiang Li (RWTH Aachen University, Informatik 5, Germany)

12:30-14:00  Lunch

14:00-15:30  Session label: Semantic Querying
Session chair: Michele Missikoff

Expand and interpret queries to go beyond semantic interoperability
Anthony Ventresque (LINA, University of Nantes, France), Sylvie Cazalens (LINA, University of Nantes, France), Philippe Lamarre (LINA, University of Nantes, France)

SPARQL++ for Mapping between RDF Vocabularies
Axel Polleres, (DERI Galway, National University of Ireland), Francois Scharffe (Leopold-Franzens Universität Innsbruck, Austria), Roman Schindlauer (Department of Mathematics, University of Calabria, Italy)

OntoPath: a Language for retrieving Ontology Fragments
E. Jiménez-Ruiz (Departamento de Lenguajes y Sistemas Informáticos, Universitat Jaume I, Spain), R. Berlanga (Departamento de Lenguajes y Sistemas Informáticos, Universitat Jaume I, Spain), V. Nebot (Departamento de Lenguajes y Sistemas Informáticos, Universitat Jaume I, Spain), I. Sanz, (Departamento de Ingenieria y Ciencia de los Computadores, Universitat Jaume I Spain)

15:30-16:00  Coffee
16:00-17:30  Session label: **Ontology Development I**  
Session chair: **Robert Meersman**  

Taxonomy Construction using Compound Similarity Measure  
Mahmood Neshati, Hassan Abolhassani, Afshin Rahimi (Web Intelligence Laboratory, Computer Engineering Department, Sharif University Of Technology, Iran)  

r3: A foundational ontology for reactive rules  
José Júlio Alferes, Ricardo Amador (Centro de Inteligência Artificial - CENTRIA, Universidade Nova de Lisboa, Portugal)  

Heuristics for constructing Bayesian Network based geospatial ontologies  
Sumit Sen, Deptt of Computer Science, IIT Bombay (India)  
Antonio Krüger, Institute for Geoinformatics, University of Münster (Germany)

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**IS**

Tue 27 Nov

08:00-09:00  registration  
09:00-10:00  ODBASE’07 Keynote  
   **York Sure**, SAP  
   Towards Next Generation Value Networks  

10:00-10:30  Coffee break  
10:30-12:30  Session label: **Network Security**  
Session chair: **Mário Freire, University of Beira Interior (Portugal)**  

Intelligent Home Network Authentication: Home Device Authentication Using Device Certification  
Deok-Gyu Lee (Electronics and Telecommunications Research Institute, Korea), Yun-kyung Lee (Electronics and Telecommunications Research Institute, Korea), Jong-wook Han (Electronics and Telecommunications Research Institute, Korea), Jong Hyuk Park (Kyungnam University, Korea)  

Bayesian Analysis of Secure P2P Sharing Protocols  
Esther Palomar, Almudena Alcaide, Juan M. Estevez-Tapiador, Julio C. Hernandez-Castro (Carlos III University of Madrid, Spain)  

Network Coding Protocols for Secret Key Distribution  
Paulo F. Oliveira, J. Barros (IT/Universidade do Porto, Portugal)  

3-Party Approach for Fast Handover in EAP-based Wireless Networks  
Rafà Marin, Pedro J. Fernández, Antonio F. Gomez (University of Murcia, Spain)  

12:30-14:00  Lunch  
14:00-15:30  Session label: **Malicious Code and Code Security**  
Session chair: **Simão Melo de Sousa, University of Beira Interior (Portugal)**  

SWorD: A Simple Worm Detection Scheme  
Matt Dunlop (United States Military Academy, West Point, USA), Carrie Gates (CA Labs, Islandia USA), Cynthia Wong (Carnegie Mellon University, Pittsburgh, USA), Chenxi Wang (Carnegie Mellon University, Pittsburgh, USA)
Prevention of Cross-Site Scripting Attacks on Current Web Applications
Joaquin Garcia-Alfaro (Universitat Oberta de Catalunya, Spain), Guillermo Navarro (Universitat Autònoma de Barcelona, Spain)

Compiler Assisted Elliptic Curve Cryptography
M. Barbosa (Universidade do Minho, Braga, Portugal), A. Moss (University of Bristol, UK), D. Page (University of Bristol, UK)

15:30-16:00 Coffee

16:00-17:30 Session label: Trust and Information Management
Session chair: Simão Melo de Sousa, University of Beira Interior (Portugal)

Trust Management Model and Architecture for Context-Aware Service Platforms
Ricardo Neisse (University of Twente, The Netherlands), Marten Wegdam (University of Twente, The Netherlands), Marten van Sinderen (University of Twente, The Netherlands), Gabriele Lenzini (Telematica Instituut, Enschede, The Netherlands)

Mobile Agent Protection in e-Business Applications: A Dynamic Adaptability Based Approach
Haoua Cheribi (Mentouri University, Constantine, Algeria), Salima Hacini (Mentouri University, Constantine, Algeria), Zizette Boufaïda (Mentouri University, Constantine, Algeria)

Business Oriented Information Security Management – A Layered Approach
Philipp Klempt (Ruhr-University of Bochum, Germany), Hannes Schmidpeter (sd&m AG, Munich, Germany), Sebastian Sowa (Ruhr-University of Bochum, Germany), Lampros Tsinas (Munich Re, Germany)
### DOA

**Wed 28 Nov**

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<td>09:00-10:00</td>
<td>CoopIS’07 Keynote</td>
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<td>Donald Ferguson, Microsoft</td>
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<td>10:30-12:30</td>
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<td>Session Chair: Manfred Reichert</td>
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<td>Resilient Security for False Event Detection without Loss of Legitimate Events in Wireless Sensor Networks</td>
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<td>Yuichi Sei, Shinichi Honiden</td>
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<td>Formal Verification of a Group Membership Service Through Model Checking</td>
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<td>Valério Rosset, Pedro F. Souto, Francisco Vasques</td>
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<td>Revisiting Certification-Based Replicated Database Recovery</td>
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<td>M. I. Ruiz Fuertes, J. Pla-Civera, J. E. Armendariz-Íñigo, J. R. González de Mendivil, F. D. Muñoz-Escoi</td>
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<td>A Survey of Fault Tolerant CORBA Systems</td>
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<td>Muhammad Fahad</td>
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### ODBASE

**Wed 28 Nov**

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<td>10:30-12:30</td>
<td>Session label: Annotation, Learning &amp; Text Mining</td>
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<td>Session chair: Tharam Dillon</td>
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<td>Optimal learning of ontology mappings from human interactions</td>
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<td>Sumit Sen, (Institute for Geoinformatics, University of Münster, Germany), Dolphy Fernandes (Deptt of Computer Science, IIT Bombay, India), N. L. Sarda, (Deptt of Computer Science, IIT Bombay, India)</td>
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Automatic feeding of an innovation knowledge base using a semantic representation of field knowledge
Issam Al haj hasan, Michel Schneider, Grigore Gogu (Laboratoire de Mécanique et Ingenieries, Campus de Clermont-Ferrand/les Cézeaux, France)

Labeling Data Extracted from the Web
Altigran S. da Silva (Universidade Federal do Amazonas, Brazil), Denilson Barbosa (University of Calgary, Canada), João M. B. Cavalcanti (Universidade Federal do Amazonas, Brazil), Marco A. S. Sevalho (Universidade Federal do Amazonas, Brazil)

Ontology Learning for Search Applications
Jon Atle Gulla (Department of Computer and Information Science, Norwegian University of Science and Technology, Norway), Hans Olaf Borch (Department of Computer and Information Science, Norwegian University of Science and Technology, Norway), Jon Espen Ingvaldsen (Department of Computer and Information Science, Norwegian University of Science and Technology, Norway)

12:30-14:00 Lunch
14:00-15:30 Session label: Ontology Development II
Session chair: Ernesto Damiani

OntoCase - A Pattern-based Ontology Construction Approach
Eva Blomqvist (Jönköping University, Sweden)

Towards Community-based Evolution of Knowledge-intensive Systems
Pieter De Leenheer, Robert Meersman (STARLab, Vrije Universiteit Brussel, Belgium)

ImageNotion: Methodology, Tool Support and Evaluation
Andreas Walter (FZI Forschungszentrum Informatik, Germany), Gábor Nagypál (disy Informationssysteme GmbH, Germany)

15:30-16:00 Coffee
16:00-18:00 Session label: Ontology Applications
Session chair: Elizabeth Chang

Data Quality Enhancement of Databases using Ontologies and Inductive Reasoning
Olivier Cure (S3IS Université Paris Est, France), Robert Jeansoulin, IGM Université Paris Est, France)

A Web services-based annotation application for semantic annotation of highly specialised documents about the field of Marketing
M. Arguello (Research Institute of the Built and Human Environment, The University of Salford, UK), M.M. Abusa (Research Institute of the Built and Human Environment, The University of Salford, UK), M.J. Fernandez (School of Languages, The University of Salford, UK), V. Brookes (School of Languages, The University of Salford, UK), F.H. Abanda (Research Institute of the Built and Human Environment, The University of Salford, UK)

MultiBeeBrowse - Accessible Browsing on Unstructured Metadata
Sebastian Ryszard Kruk (Digital Enterprise Research Institute, NUI Galway, Ireland), Adam Gzella (Digital Enterprise Research Institute, NUI Galway, Ireland), Filip Czaja (WETI, Gdansk University of Technology, Poland), Wladyslaw Bultrowicz (WETI, Gdansk University of Technology, Poland), Ewelina Kruk (Digital Enterprise Research Institute, NUI Galway, Ireland)

Ontology Based Categorization in eGovernment Application
Claude Moulin (University of Compiègne, CNRS, Heudiasyc, Centre de Recherches de Royallieu, France), Fathia Bettahar, University of Compiègne, CNRS, Heudiasyc, Centre de
Semantic Matching based on Enterprise Ontologies
Andreas Billig (Jönköping University, Sweden), Eva Blomqvist (Jönköping University, Sweden), Feiyu Lin (Jönköping University, Sweden)

CoopIS

Wed 28 Nov

08:00-09:00 Registration

09:00-10:00 CoopIS’07 Keynote
Donald Ferguson, Microsoft
The Internet Service Bus

10:00-10:30 Coffee break

10:30-12:30 Session 1: Process Verification

Soundness Verification of Business Processes Specified in the Pi-Calculus
Frank Puhlmann

On the Connection between Process Model Errors and Metrics
Jan Mendling, Gustaf Neumann, Wil van der Aalst

Pattern-Based Design and Validation of Business Process Compliance
Kioumars Namiri, Nenad Stojanovic

12:30-14:00 Lunch

14:00-15:30 Session 2: Transaction Support in Models

Coordinate BPEL Scopes and Processes by Extending the WS-Business Activity Framework
Stefan Pottinger, Ralph Mietzner, Frank Leymann

Dynamic, Extensible and Context-Aware Exception Handling for Workflows
Michael Adams, Arthur H.M. ter Hofstede, W.M.P. van der Aalst and David Edmond

A Multi-Level Model for Activity Commitments in E-contracts
K. Vidyasankar, P. Radha Krishna and Kamalakar Karlapalem

15:30-16:00 Coffee

16:00-17:30 Session 3: Ensuring Transactional Properties

Decentralised Commitment for Optimistic Semantic Replication
Pierre Sutra, João Barreto, Marc Shapiro

Verifying Composite Service Recovery Mechanisms: A Transactional Approach based on Event Calculus
Walid Gaaloul, Mohsen Rouached, Claude Godart and Manfred Hauswirth

Acquaintance Based Consistency in an Instance-Mapped P2P Data Sharing System During Transaction Processing
Md Mehedi Masud, Iluju Kiringa, and Hasan Ural
THURSDAY 29

CoopIS

Thu 29 Nov

08:00-09:00  Registration
09:00-10:00  GADA’07 Keynote
  Dennis Gannon, Indiana University
  *A Service Architecture for eScience Grid Gateways*
10:00-10:30  Coffee break
10:30-12:30  Session 4: Process Modeling
  Extending BPMN for Modeling Complex Choreographies
  Gero Decker, Frank Puhlmann
  Semantics of BPMN Process Models with ORjoins
  Marlon Dumas, Alexander Grosskopf, Thomas Hettel, Moe Wynn
  Data-driven Modeling and Coordination of Large Process Structures
  Dominic Müller, Manfred Reichert, Joachim Herbst
12:30-14:00  Lunch
14:00-15:30  Session 5: Adaptable Workflows
  Constraint-Based Workflow Models: Change Made Easy
  M. Pesic, M.H. Schonenberg, N. Sidorova, and W.M.P. van der Aalst
  Supporting Ad-hoc Changes in Distributed Workflow Management Systems
  Manfred Reichert, Thomas Bauer
  Extending Online Travel Agency with Adaptive Reservations
  Yu Zhang, Wenfei Fan, Huajun Chen, Sheng Hao
15:30-16:00  Coffee
16:00-18:00  Session 6: Semantics and Quality
  Organizing Meaning Evolution Supporting Systems Using Semantic Decision Tables
  Yan Tang, Robert Meersman
  Ontology Enrichment in Multi Agent Systems Through Semantic Negotiation (short paper)
  Salvatore Garruzzo and Domenico Rosaci
  The OpenKnowledge System: an interaction centered approach to knowledge sharing
  (short paper)
  Ronny Siebes, Dave Dupplaw, Spyros Kotoulas, Adrian Perreau de Pinninck, Frank van Harmelen, David Robertson
  Business Process Quality Metrics: Log-based Complexity of Workflow Patterns (short
GADA

Thu 29 Nov

08:00-09:00  Registration

09:00-10:00  GADA’07 Keynote

  Dennis Gannon, Indiana University
  *A Service Architecture for eScience Grid Gateways*

10:00-10:30  Coffee break

10:30-12:30  Session 1: Data and storage
  Session Chair: *Pilar Herrero*

  Transforming the adaptive irregular out-of-core applications for Hiding Communication and disk I/O
  Changjun Hu, Guangli Yao, Jue Wang and Jianjiang Li (School of Information Engineering, University of Science and Technology Beijing, China)

  An Adaptive Data Block Placement based on Deterministic Zones (AdaptiveZ)
  J.L. Gonzalez and Toni Cortes (Universitat Politecnica de Catalunya and Barcelona Supercomputing Center, Spain)

  Keyword Based Indexing and Searching over Storage Resource Broker (SRB)
  Adnan Abid, Muhammad Asif Jan, Laurent Francioli, Felix Schuerman (NUST Institute of IT Rawalpindi, Pakistan and Brain Mind Institute, Swiss Federal Institute of Technology, Laussane, Switzerland)

12:30-14:00  Lunch

14:00-15:30  Session 2: Networks
  Session Chair: *José Luis Bosque*

  eCube: Hypercube Event for Efficient Filtering in Content-Based Routing
  Eiko Yoneki (University of Cambridge, Computer Laboratory Cambridge, UK)

  Combining Incomparable Public Session Keys and Certificateless Public Key Cryptography for Securing the Communication between Grid Participants
  Elvis Papalilo and Bernd Freisleben (University of Marburg, Germany)

15:30-16:00  Coffee

16:00-17:30  Session 3: Collaborative Grid Environment and Scientific Grid Applications
  (6 short papers)
  Session Chair: *Toni Cortés*

  A Service-oriented Platform for the Enhancement and Effectiveness of the Collaborative Learning Process in Distributed Environments
Santi Caballé (Open University of Catalonia, Barcelona, Spain)

Social Networking to support Collaboration in Computational Grids
Oscar Ardaiz (Public University of Navarra, Spain), Isaac Chao (Technical University of Catalonia, Barcelona, Spain), Ramón Sangüesa (Technical University of Catalonia, Barcelona, Spain).

A Policy Based Approach to Managing Shared Data in Dynamic Collaborations
Surya Nepal, John Zic, Julian Jang (ICT Centre, Australia)

Grid Service Composition in BPEL for Scientific Applications
Onyeka Ezenwoye, S. Masoud Sadjadi, Ariel Cary, Michael Robinson (Florida International Service, Miami)

Efficient Assignment of Grid Resources using a Bi-level Decision-making Architecture for “Processable” Bulk Data
Imran Ahmad, Shikharesh Majumdar

Towards an open Grid marketplace framework for resources trade
Nejla Amara-Hachmi, Xavier Vilajosana, Ruby Krishnaswamy, Joan Manuel Marques (France Telecom R&D, France; Universitat Politecnica de Catalunya, Barcelona, Spain; Universitat Oberta de Catalunya, Barcelona, Spain)
FRIDAY 30

CoopIS

Fri 30 Nov

10:30-12:30 Session 7: Discovery and Analysis

Social topology analyzed
Njaal Borch, Anders Andersen and Lars K.Vognild

Matching Cognitive Characteristics of Actors and Tasks (short paper)
S.J. Overbeek, P. van Bommel, H.A. (Erik) Proper, and D.B.B. Rijsenbrij

Policy-based Service Registration and Discovery (short paper)
Tan Phan, Jun Han, Jean-Guy Schneider, Tim Ebringer, Tony Rogers

12:30-14:00 Lunch

14:00-15:30 Session 8: P2P

Trust Extension Device: Providing Mobility and Portability of Trust in Cooperative Information Systems
Surya Nepal, John Zic, Hon Hwang, David Moreland

Enabling Selective Flooding to Reduce P2P Traffic
Francesco Buccafurri and Gianluca Lax

Improving the Dependability of Prefix-Based Routing in DHTs
Sabina Serbu, Peter Kropf and Pascal Felber

15:30-16:00 Coffee

16:00-17:30 Session 9: Collaboration

A Relaxed but not Necessarily Constrained Way from the Top to the Sky (short paper)
Katja Hose, Christian Lemke, Kai-Uwe Sattler, Daniel Zinn

Conflict Resolution of Boolean Operations by Integration in Real-Time Collaborative CAD Systems
Yang Zheng, Chengzheng Sun, Haifeng Shen, Steven Xia

Collaborative Filtering based on Opportunistic Information Sharing in Mobile Ad-Hoc Networks (short paper)
Alexandre de Spindler and Moira C. Norrie and Michael Grossniklaus

GADA

Fri 30 Nov

10:30-12:30 Session 1: Scheduling
Session Chair: María S. Pérez

A hybrid algorithm for scheduling workflow applications in Grid environments (ICPDP)
Bogdan Simion, Catalin Leordeanu, Florin Pop, Valentin Cristea (University “Politehnica” of
Contention-free Communication Scheduling for Group Communication in Data Parallelism
Jue Wang, Changjun Hu, Jianjiang Li (School of Information Engineering, University of Science and Technology Beijing, China)

SNMP-based Monitoring Agents and Heuristic Scheduling for large scale Grids
Edgar Magaña, Laurent Lefevre, Masum Hasan and Joan Serrat (Cisco Systems Inc, San Jose, USA; Universitat Politècnica de Catalunya Barcelona, Spain; INRIA RESO / LIP Laboratory, Lyon, France)

HARC: The Highly-Available Resource Co-allocator
Jon MacLaren (Louisiana State University, Baton Rouge, USA)

12:30-14:00 Lunch

14:00-15:30 Session 2: Middleware
Session Chair: Jon MacLaren

Assessing a distributed market infrastructure for economics-based service selection
Rene Brunner, Isaac Chao, Pablo Chacin, Felix Freitag, Leandro Navarro, Oscar Oardaiz, Liviu Joita, Omer F. Rana (University Politecnica of Catalonia, Barcelona, Spain; Public University of Navarra, Spain; Cardiff University, UK)

Grid Problem Solving Environment for Stereology Based Modeling
Július Parulek, Marek Ciglan, Branišlav Šímo, Miloš Šrámek, Ladislav Hluchý and Ivan Zahradník (Comenius University, Bratislava, Slovakia; Institute of Informatics, Slovakia; Academy of Science, Slovakia; Institute of Molecular Physiology and Genetics, Slovakia)

Managing Dynamic Virtual Organizations to get Effective Cooperation in Collaborative Grid Environments
Pilar Herrero, José Luis Bosque, Manuel Salvadores, María S. Pérez (Universidad Politecnica de Madrid, Spain; Universidad de Cantabria, Santander, Spain)

15:30-16:00 Coffee

16:00-18:30 Session 3: Data analysis
Session Chair: Laurent Lefevre

Sidera: a cluster-based server for Online Analytical Processing
Todd Eavis, George Dimitrov, Ivan Dimitrov (Concordia University, Montreal, Canada)

Access Control Management in Open Distributed Virtual Repositories and the Grid
Adam Wierzbicki, Łukasz Żaczek, Radosław Adamus (Polish-Japanese Institute of Information Technology, Computer Engineering Department, Technical University of Lodz, Poland)

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Session 4: Scheduling and Management (5 short papers)
Session Chair: Adam Wierzbicki

Generalized load sharing for Distributed operating system
MS.S.Bama, A. Satheesh

An application-level service control mechanism for QoS-based Grid scheduling
Claudia Di Napoli and Maurizio Giordano, (Istituto di Cibernetica “E. Caianiello”, Naples, Italy)
Fine Grained Access Control with Trust and Reputation Management for Globus
M. Colombo, F. Martinelli, P. Mori, M. Petrocchi, A. Vaccarelli (Istituto di Informatica e Telematica, Consiglio Nazionale delle Ricerche, Pisa, Italy)

Vega: A Service-Oriented Grid Workflow Management System
Rafael Tolosana-Calasanz, José Ángel Bañares, Pedro Álvarez, Joaquín Ezpeleta (University of Zaragoza, Spain)