

13<sup>th</sup> Int. Conf. on Web Information Systems Engineering (WISE'12)  
Paphos, Cyprus

WORKSHOPS SCHEDULE  
November 28<sup>th</sup>, 2012

Full Day Room Artemis	Workshop on Cloud-enabled Business Process Management - CeBPM & International Workshop on Big Data and Cloud - BDC
Full Day Room Aphrodite	Advanced Reasoning Technology for e-Science Workhsop – ART
Half Day Room Ariadne	Workshop on Engineering the Semantic Enterprise - ECE
Half Day Room Ariadne	Social Web Analytics for Trend Detection Workshop - SoWeTrend

## Workshop on Cloud-enabled Business Process Management - CeBPM

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## International Workshop on Big Data and Cloud - BDC

Time	Track
09:00 - 10:25	- <b>Short introduction to CeBPM</b> (10 minutes) - Papers: 1, 2, 3 (3 x 25 minutes)
10:25 - 10:45	Coffee Break
10:45 - 12:30	- Papers: 4, 5 and 6 (3 x 25 minutes) - The workshop Chairs will lead a discussion about the papers and pick up topics for afternoon session (30 minutes)
12:30 - 13:30	Lunch
13:30 - 15:10	- <b>Short introduction to BDC</b> (10 minutes) - BDC two papers (2 x 25 minutes) - The BDC workshop Chairs will lead a discussion about the papers and pick up topics for next session (15 minutes)
15:10 - 15:30	Coffee Break
15:30 - 17:00	Pannel discussion, summary of the day - CeBPM research challenges: Dana Petcu and Vlado Stankovski (30 minutes) - BDC research challenges: BDC organisers (30 minutes) - Discussion on topics collected from the audience during the workshops (30 minutes)

### CeBPM Papers

1. "Cloud Storage of Artifact Annotations to Support Case Managers in Knowledge-Intensive Business Processes", Marian Benner, Matthias Book, Tobias Brueckmann and Volker Gruhn
2. "Collaborative process design in cloud environment", Jiri Kolar and Tomas Pitner
3. "Challenges for Migrating to the Service Cloud Paradigm: An Agile Perspective", Stavros Stavru, Iva Krasteva and Sylvia Ilieva

4. "Towards a trust-manager service for hybrid clouds", Fatma Ghachem, Nadia Bennani, Chirine Ghedira and Parisa Ghodous
5. "Designing an SLA Protocol with Renegotiation to Maximize Revenues for the CMAC platform", Adriano Galati, Djemame Karim, Martyn Fletcher, Mark Jessop, Michael Weeks, Simon Hickinbotham and John McAvoy
6. "Levi - A Workflow Engine using BPMN 2.0", Umashanthi Pavalanathan, Keheliya Gallaba, Ishan Jayawardena and Eranda Sooriyabandara

### **BDC Papers**

1. "Service Oriented Framework for Animating Big Spatiotemporal Datasets", Ahmet Sayar
2. "Searching frequent itemsets by clustering data: towards a parallel approach using MapReduce", Maria Malek and Hubert Kadima

## Advanced Reasoning Technology for e-Science Workshp - ART

Time	Track
09:00 - 09:10	<b>Welcome from the organizers</b>
09:10 - 10:10	Invited Talk by Yanchun Zhang (Victoria University), Chair: Zhisheng Huang "Real-time and Self- Adaptive Stream Data Analysis"
10:25 - 10:45	Coffee Break
10:45 - 11:20	Alexey Cheptsov (High Performance Computing Center Stuttgart), Chair: Zhisheng Huang "An Approach For Distributed Parallelization Of Large- Scale Semantic Web Reasoners Based on MPI"
11:20 - 12:00	Philip Moore (Birmingham City University), Chair: Zhisheng Huang "Towards Integrating Emotion into Intelligent Context"
12:30 - 13:30	Lunch
13:30- 14:10	Zhisheng Huang (Vrije University of Amsterdam), Chair: Alexey Cheptsov "Making Web-Scale Semantic Reasoning More Service-Oriented: The Large Knowledge Collider"
14:10 - 14:50	Christos Mettouris (University of Cyprus), Chair: Alexey Cheptsov "Contextual Modelling in Context-Aware Recommender Systems: a generic approach"
15:10 - 15:30	Coffee Break
15:30 - 16:30	Invited Talk by Jeff Pan (University of Aberdeen), Chair: Alexey Cheptsov "How Approximate Reasoning Helps in Centralised and Distributed OWL Reasoning"
16:30 - 17:00	Wrap-up, discussion for further cooperation, concluding remarks, Chair: Jeff Pan

### ART Papers

1. "An Approach For Distributed Parallelization Of Large- Scale Semantic Web Reasoners Based on MPI", Alexey Cheptsov
2. "Making Web-Scale Semantic Reasoning More Service-Oriented: The Large Knowledge Collider", Alexey Cheptsov and Zhisheng Huang
3. "Towards Integrating Emotion into Intelligent Context", Philip Moore

4. "Contextual Modelling in Context-Aware Recommender Systems: a generic approach", Christos Mettouris and George Angelos Papadopoulos

## Workshop on Engineering the Semantic Enterprise - ECE

Time	Track
09:00 – 09:10	Welcome from the organizers
09:10 - 09:45	"A Semantic-Based Architecture for Collaborative Enterprise Management: The ARISTOTELE Platform" Stefano Paolozzi, Pierluigi Del Nostro, Daniele Toti, Francesco Orciuoli and Pierluigi Ritrovato
09:45 - 10:25	"ICOM: A Framework for Integrated Collaborative Work Environments" Kenneth Baclawski, Eric Chan, Laura Dragan, Patrick Durusau, Deirdre Lee, Peter Yim and Yuwang Yin
10:25 - 10:45	Coffee Break
10:45 - 11:20	"Knowledge-Based Semantification of Business Communications in ERP Environments" Marios Meimaris and Michalis Vafopoulos
11:20 - 12:00	"Ubiquitous Service Capability Modeling and Similarity Based Searching" Feng Gao and Wassim Derguech
12:00 - 12:30	Summary and conclusions

### ECE Papers

1. "A Semantic-Based Architecture for Collaborative Enterprise Management: The ARISTOTELE Platform", Stefano Paolozzi, Pierluigi Del Nostro, Daniele Toti, Francesco Orciuoli and Pierluigi Ritrovato
2. "ICOM: A Framework for Integrated Collaborative Work Environments", Kenneth Baclawski, Eric Chan, Laura Dragan, Patrick Durusau, Deirdre Lee, Peter Yim and Yuwang Yin
3. "Knowledge-Based Semantification of Business Communications in ERP Environments", Marios Meimaris and Michalis Vafopoulos
4. "Ubiquitous Service Capability Modeling and Similarity Based Searching", Feng Gao and Wassim Derguech

## Social Web Analytics for Trend Detection Workshop - SoWeTrend

Time	Track
13:30 - 14:30	Keynote speaker
14:30 - 15:00	Paper 1
15:10 - 15:30	Coffee Break
15:30 - 16:00	Paper 2
16:00 - 16:30	Paper 3
16:30 - 17:00	Paper 4
17:00 - 17:15	Conclusions

### SoWeTrend Papers

1. "Associating items with scenes identified in social Q&A data", Shin-Ya Sato, Masami Takahashi and Masato Matsuo.
2. "An Epistemic Equivalence for Predictive Social Networks Analysis", Christophe Thovex and Francky Trichet
3. "Dynamic clustering process to calculate affinity degree of users as basis of a social network recommender", Andrea Zanda, Ernestina Menasalvas and Santiago Eibe
4. "Data Leak Aware Crowdsourcing in Social Network", Mourad Ouziri and Salima Benbernou