

**EJC 2006 Conference Program (Preliminary version)**

- (F): Full Paper Presentation; **40 min** (30 + 10' discussion)  
(S): Short Paper Presentation; **30 min** (20 + 10' discussion)  
(P): Position Paper Presentation; **25 min**  
(Ps): Poster Presentation; **20 min**

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**Monday, May 29<sup>th</sup>**

**20:00 Get Together Reception**

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**Tuesday, May 30<sup>th</sup>**

**9:00 Opening the conference**

Marie Duží, Hannu Kangassalo, Yasushi Kiyoki, Hannu Jakkola, Eiji Kawaguchi

**Session 1 Ontology** (Chairperson: Hannu Kangassalo)

**9:20 (F-01)** Title: On Agility of Formal Specification - P617

Author(s): Tommi Mikkonen and Risto Pitkanen

**10:00 (F-02)** Title: Ontological Queries Supporting Decision Process in KaSeA System -

P614. Author(s): Krzysztof Goczyla, Aleksander Waloszek, Wojciech Waloszek, Teresa Zawadzka and Michal Zawadzki

**10:40 – 11:00 Coffee break**

**Session 2 Content Management** (Chairperson : Takahiro Tokuda)

**11:00 (F-03)** Title: The Conceptual Framework to User-Oriented Content Management - P619. Author(s): Bernhard Thalheim

**11:40 (F-04)** Title: A Model of Digital-Contents Access Control System Using Steganographic Information Hiding Scheme - P605

Author(s): Eiji Kawaguchi, Michiro Maeta, Hideki Noda and Koichi Nozaki

**12:20 Lunch**

**Session 3 Semantics** (Chairperson: Bernhard Thalheim)

**13:20 (F-05)** Title: An application of Semantic Information Retrieval System for International Relations - P618.

Author(s): Shiori Sasaki, Yasushi Kiyoki and Hiroyasu Akutsu

**14:00 (F-06)** Title: Emergence of compositionality and names - P630

Author(s): Jaak Henno

**14:40 – 15:00 Coffee break**

**15:00 Trip to Pustevny** (by chair lift up to the Ridge of Beskydy mountains, trip to Radegast statue, dinner)

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## Wednesday, May 31<sup>st</sup>

### **Session 4 Architecture and Multimedia Application** (Chairperson: Eiji Kawaguchi)

**9:00** (S-03) Title: NATO C3 Architectures and Difficulties of Application in National Environment - P609

Author(s): Ladislav Burita and Vojtech Ondryhal

**9:30** (S-04) Title: Mining International Academic Conference Programs on the Web - P611(S)

Author(s): Tomoya Noro, Hidenori Negishi, and Takehiro Tokuda

**10:00** (S-05) Title: Towards Automatic Detection of Potentially Important and International Events / Phenomena from News Articles at Mostly Domestic News Sites - P612

Author(s): Pham Van Hai, Takahiro Aoyagi, Tomoya Noro, and Takehiro Tokuda

### **10:30 – 10:50 Coffee Break**

### **Session 5 Semantic Computing** (Chairperson: Benkt Wangler)

**10:50** (F-07) Title: Treating Quantifiers in Database Semantics - P606

Author(s): Jae-Woong Choe and Roland Hausser

**11:30** (F-08) Title: Semantic Associative Search and Space Integration Methods Applied to Semantic Metrics for Multiple Medical Fields - P623

Author(s): Yasushi Kiyoki and Minoru Kawamoto

### **12:10 Lunch**

### **Session 6 Time Concept, Fuzzy Logic and Ontology** (Chairperson: Marie Duží)

**13:10** (F-9) Title: Time Contexts in Document-Driven Projects on the Web: From Time-Sensitive Links towards on Ontology of Time - P602

Author(s): Anneli Heimburger, Jari Multisilta and Kai Ojansuu

**13:50** (F-10) Title: A description logic with combination of user preference concepts, crisp roles and existential restrictions - P628

Author(s): Peter Vojtas

**14:30** (F-11) Title: Towards an Abstract Ontology - P607

Author(s): Mauri Leppanen

### **15:10 – 15:30 Coffee Break**

### **Session 7 Semantic Search** (Chairperson: Anneli Heimburger)

**15:30** (F-12) Title: A Causality Computation Retrieval Method with Context Dependent Dynamics and Causal-Route Search Functions - P621

Author(s): Kosuke Takano and Yasushi Kiyoki

**16:10** (F-13) Title: A Method of Automatic Metadata Extraction corresponding to the impression by sound of the words - P624

Author(s): Hidenori Homma, Takafumi Nakanishi and Takashi Kitagawa

### **17:00 Dinner**

**18:00 Leaving for Ostrava: Music Festival Janáček May**

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**Thursday, June 1<sup>st</sup>**

***Session 8 Invited Presentation*** (Chairperson: Hannu Jaakkola)

**9:00** Title: “**Business Process Modelling**”  
Invited Speaker: Prof. Ivo Vondrak, the dean of the  
Faculty of Electrical Engineering and Computer Science,  
VSB-Technical University Ostrava

**10:30 – 10:50 Coffee Break**

***Session 9 Panel Session:***

**10:50** Title: **Logic & AI for Multi-Agent Systems**

**12:20 Lunch**

***Session 10 Multimedia and Application*** (Chairperson: Jaak Henno)

**13:20** (S-01) Title: A Visual and Semantic Image Retrieval Method Based on Similarity  
Computing with Query-Context Recognition - P610  
Author(s): Xing Chen and Yasushi Kiyoki

**13:50** (S-02) Title: Information Systems Development in the Age of Multimedia Web  
Systems - P633  
Author(s): Benkt Wangler and Alexander Backlund

***Session 11 Applications*** (Chairperson : )

**14:20** (P-01) Title: ROC curves for the CART Aogorithm in STATISTICA Data Miner -  
P608. Author(s): Bohumil Jakoubek

**14:45** (P-02) Title: Development of Designed Q-R Code - P632  
Author(s): Jun Sasaki, Hiroaki Shimomukai, Tae Yoneda, and Yutaka Funyu

**15:10 – 15:30 Coffee Break**

***Session 12 Poster Presentations*** (Chairperson: Daniela Ďuráková)

**15:30** (Ps-01) Title: Process and Logic Approaches in the Intelligent Agents Behavior -  
P603(Ps)  
Author(s): Michal Radecky and Petr Gajdos

**15:50** (Ps-02) Title: Human Expert Modelling Using Numerical Linear Algebra: a Heavy  
Industry Case Study - P613(Ps)  
Author(s): Pavel Praks, Jindrich Cernohorsky and Radim Bris

**16:10** (Ps-04) Title: Computer Aided Support for Content Management Development -  
P620(Ps)  
Author(s): Antti Lehtinen and Airi Salminen

**16:30** (Ps-06) Title: Ontology based Text Annotation-OnTeA - P626(Ps)  
Author(s): Michal Laclavik, Emil Gatial, Zoltan Balogh and Ladislav Hluchy

**16:50** (Ps-07) Title: An Implementation Method for Semantic Document Search with Dynamic Relevance Routing by Hierarchical and Causal Relationships for Psychiatry - P627(Ps)

Author(s): Yukiko Sone, Naofumi Yoshida and Yasushi Kiyoki

**17:10** (Ps-08) Title: Detecting "Hot" Topics about a Person from Blogspace - P629(Ps)

Author(s): Tomoko Hokama and Hiroyuki Kitagawa

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**19:00 Open-Air Farewell Wallachian Party**

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**Friday June 2<sup>nd</sup>**

*Session 13 Discussions on Information Modelling and Knowledge Bases*

**9:00 Panel discussion continuing: Multi-Agent Systems**

**10:20 Discussion on future trends in Information Modelling and Knowledge Bases**

**11:20 Discussion on the next conference EJC 2007**

**12:00 Closing the EJC 2006 Conference**

**12:20 Lunch**

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