INCoS 2009 Preliminary Program

Day 1 – Wednesday, Nov. 4th

Registration at the conference place
Reception Desk, Wednesday, 8:00

INCoS 2009 Welcome
Begoña Gros, Vice rector of Innovation at the Open University of Catalonia
Fatós Xhafa, General co-Chair of INCoS 2009
2nd Floor. Room A, Wednesday, 9:00

Keynote Panos M. Pardalos (Plenary talk)
2nd Floor. Room A, Wednesday, 9:30

Coffee Break. 2nd Floor. Room C, Wednesday, 10:30

Intelligent networking for social networks, virtual organizations and campuses I
2nd Floor. Room A, Wednesday, 11:00 (Session chair: Youakim Badr)
23. Angela Fogarolli and Marco Ronchetti. Domain Independent Semantic Representation of Multimedia Presentations
28. Yuki Okamoto, Phuong Dinh Thi Dong, Fumiko Harada and Hiromitsu Shimakawa. Programming Skill Transfer from Experienced to Novices with Animated Diagrams
6. Manfred Lohr. Mobile Learning by the Example of the Carnuntum Scenario

Security, organization, management and autonomic computing for intelligent networking and collaborative systems I
2nd Floor. Room B, Wednesday, 11:00 (Session chair: TBA)
40. Bogdan Ghit, Octavian Voicu, Florin Pop and Valentin Cristea. Distributed Agent Platform with Intrusion Detection Capabilities
17. Marta Rybczyńska. A Round-based Cover Traffic Algorithm for Anonymity Systems

Lunch. 2nd Floor. Room C, Wednesday, 13:00
Intelligent networking for social networks, virtual organizations and campuses II
2nd Floor. Room A, Wednesday, 14:30 (Session chair: Thanasis Daradoumis)
38. Patricia Santos Rodriguez, Wenceslao Llobet, Davinia Hernández-Leo and Josep Blat. QTI for self-assessment and embedded- assessment in competence oriented scenarios: The Agora Case
29. Phuong Dinh Thi Dong, Fumiko Harada and Hiromitsu Shimakawa. Collaborative Learning Environment to Improve Novice Programmers with Convincing Opinions in Computer Room
49. Benoit Gaudou, Tuong Vinh Ho and Nicolas Marilleau. Introduce collaboration in methodologies of modeling and simulation of Complex Systems
61. Kahina Hamadache and Luigi Lancieri. Role-Based Collaboration Extended to Pervasive Computing
65. Clauzel Damien, Sehaba Karim and Prié Yannick. Modelling and visualising traces for reflexivity in synchronous collaborative systems

Security, organization, management and autonomic computing for intelligent networking and collaborative systems II
2nd Floor. Room B, Wednesday, 14:30 (Session chair: TBA)
33. Abdullah Alnajim and Malcolm Munro. An Approach to the Implementation of the Anti-Phishing Tool for Phishing Websites Detection
74. Jieren Cheng, Jianping Yin, Yun Liu, Zhiping Cai, and Chengkun Wu. DDoS Attack Detection Using IP Address Feature Interaction
62. Reza Tavoli, Amir Masoud Rahmani, Mohammad Teshnelab. A New Channel In Reo With Fuzzy Method

Coffee Break. 2nd Floor. Room C, Wednesday, 17:00

Discussion panel
2nd Floor. Room A, Wednesday, 17:30. Panelists:
Josep Casanovas, Marta Continente, Marta Fernández, Daniel Golobart, Jordi Graells, Rosa M Martín, Héctor Puente and Lucas Ponce, Presidencial Department of Catalan Government.
Ramon Costa, Microsoft Innovation Center
Begoña Gros, Santi Caballé, Open University of Catalonia

Poster session*
2nd Floor. Room C, Wednesday, All day
Day 2 – Thursday, Nov. 5th

Registration at the conference place
Reception Desk, Thursday, 8:30

Keynote Janusz Kacprzy (Plenary talk)
2nd Floor. Room A, Thursday, 9:00

Coffee Break. 2nd Floor. Room C, Thursday, 10:00

Keynote Alberto Zomaya (Plenary talk for WIND 2009 open to INCoS 2009)
2nd Floor. Room A, Thursday, 10:30

Workshop on Information Network Design (WIND 2009) I
2nd Floor. Room A, Thursday, 11:30 (Session chair: Mario Koeppen)
34. Kohei Watabe, Yudai Honma and Masaki Aida. Design of Probe Intervals to Improve Accuracy of CoMPACT Monitor
33. Chisa Takano, Kenji Ishida and Masaki Aida. A Study of Improving Fairness among Flows in Ad hoc Networks
82. Yuki Hanazawa, Yusuke Sasaki and Hiroyoshi Miwa. Efficient Degree Constrained Broadcast Method on P2P Networks
81. Ryota Nakamura, Akito Hashimoto and Hiroyoshi Miwa. Methods of Locating Mirror Servers with High Connectivity and Small Distances (short)
85. Dirceu Cavendish, Yuji Oie, Hiroshi Koide and Mario Gerla. Characterizing Transactions on Multi-Server Systems (short)

Security, organization, management and autonomic computing for intelligent networking and collaborative systems III
2nd Floor. Room B, Thursday, 11:30 (Session chair: TBA)
47. Stefan G. Weber. Harnessing Pseudonyms with Implicit Attributes for Privacy-Respecting Mission Log Analysis

Lunch. 2nd Floor. Room C, Thursday, 13:00
Workshop on Information Network Design (WIND 2009) II

2nd Floor. Room A, Thursday, 14:30 (Session chair: Masato Tsuru)

83. Akihiro Fujihara and Hiroyoshi Miwa. Relaxation times of information collections in an epidemiically information-sharing process with randomly moving sensors on bounded space

86. Shinya Yamamura, Akira Nagata, Masato Tsuru and Hitomi Tamura. Virtual Segment:Store-Carry-Forward Relay-Based Support for Wide-Area Non-Realtime Data Exchange

88. Mikio Mizutani, Yusuke Miyoshi, Kazuya Tsukamoto, Masato Tsuru and Yuji Oie. Network-supported TCP Rate Control for High-speed Power Line Communications

89. Kentaro Ogawa, Kenichi Higuchi and Shinichiro Chaki. Fault Management in Functionally Distributed Transport Networking for Large Scale Networks

90. Takeshi Koga, Kei Ohnishi, Kazuya Tsukamoto and Yuji Oie. Complex Routing for Temporary Information Sharing in Wireless Mesh Networks (short)

93. Rodrigo Verschae, Mario Koeppen and Kaori Yoshida. User modeling for improving QoS using partial user-supplied information (short)


79. Masahiro Sasabe and Tetsuya Takine. A Simple Scheme for Relative Time Synchronization in Delay Tolerant MANETs (short)

Grid, P2P, distributed infrastructure for intelligent networking and collaborative systems

2nd Floor. Room B, Thursday, 14:30 (Session chair: Pilar Herrero)

11. Mauricio Paletta and Pilar Herrero. A MAS-based Negotiation Mechanism to deal with Service Collaboration in Cloud Computing

12. Xavier Vilajosana, Ruby Krishnaswamy, Angel A. Juan, Daniel Lázaro and Joan Manuel Marquès. Simulation and Modelling of a Multi-Lane Double Auction Mechanism to Allocate Computational Resources in the Grid

35. Dragos Sbirlea, Alina Simion, Florin Pop and Valentin Cristea. Monitoring Workflow Applications in Large Scale Distributed Systems

78. Pavel Kromer, Vaclav Snasel, Jan Platos, Ajith Abraham and Hesam Izakian. Scheduling Independent Tasks on Heterogeneous Distributed Environments by Differential Evolution


Poster session*

2nd Floor. Room C, Thursday, All day
**Industrial track: Synergys**
20th Floor, Thursday, 17:30

**Social dinner**
Hotel (pending), Thursday, 20:00

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**Day 3 – Friday, Nov. 6th**

**Registration at the conference place**
Reception Desk, Friday, 8:30

**Keynote Helen Karatza (Plenary talk)**
2nd Floor. Room A, Friday, 9:00

**Coffee Break.** 2nd Floor. Room C, Friday, 10:00

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**Wireless and sensor systems for intelligent networking and collaborative systems**

2nd Floor. Room A, Friday, 10:30 (Session chair: Xavi Vilajosana)


42. Ehsan Pourfakhar and Amir Masoud Rahmani. A New CMAC-Based Local Recovery Approach to Achieve Reliable Multicast in Wireless Mesh Networks


36. Hyeong-Jong Ju. Enhanced Distributed Address Assignment Scheme for ZigBee-Based Wireless Sensor Networks (short)

**Workshop on Adaptive Systems for Collaborative Learning (IWASCL 2009)**

2nd Floor. Room B, Friday, 10:30 (Session chair: Stavros Demetriadis)

27. Michael Kickmeier-Rust, Christina Steiner and Dietrich Albert. Non-Invasive Assessment and Adaptive Interventions in Learning Games

54. Miky Ronen and Dan Kohen-Vacs. Designing and Applying Adaptation Patterns embedded in the Script

59. Isabela Gasparini, Daniel Lichtnow, Marcelo Pimenta and José Palazzo M. de Oliveira. Quality Ontology for Recommendation in an Adaptive Educational System

95. Mar Pérez-Sanagustín, Javier Burgos, Davinia Hernández-Leo and Josep Blat. Considering the intrinsic constraints for groups management of TAPPS & Jigsaw CLFPs

96. Stavros Demetriadis and Ioannis Magnisalis. Modeling adaptation patterns with IMS-LD specification: a case study as a proof of concept implementation

97. Alberto Bayón, Olga C. Santos, Jorge Couchet and Jesus G. Boticario. An architecture for adaptive collaboration support guided by learning design

**Lunch.** 2nd Floor. Room C, Friday, 13:00

**Data mining and knowledge management for intelligent networking and collaborative systems**

2nd Floor. Room A, Friday, 14:30 (Session chair: TBA)

76. Nikos Manouselis. Developing a Recommendation Web Service for a Federation of Learning Repositories

24. Miguel-Angel Sicilia. Exploring structural prestige in learning object repositories: some insights from examining references in MERLOT

15. Jing Qiu, Lejian Liao and Peng Li. Relation Extraction from Chinese News Web Documents Based on Weakly Supervised Learning

20. Petr Klement and Vaclav Snasel. Anomaly Detection in Emergency Call Data – the First Step to the Intelligent Emergency Call System Management

**Workshop on Machine Intelligence for Geographic Information Systems (MIGIS 2009)**

2nd Floor. Room B, Friday, 14:30 (Session chair: Vaclav Snasel)


57. Miloš Marjanović, Branislav Bajat and Miloš Kovačević. Landslide susceptibility assessment with machine learning algorithms

58. Vit Vozenilek. Artificial intelligence and GIS: mutual meeting and passing

60. Jan Brus, Zdena Dobešová and Jaromír Kaňok. Utilization of expert systems in thematic cartography


**Coffee Break.** 2nd Floor. Room C, Friday, 17:00
PhD Forum
2nd Floor. Room A, Friday, 17:30 (Session chair: TBA)
16. Jing Qiu, Lejian Liao and Peng Li. Combining Syntactic Structured and Flat Features for Relation Extraction Using Co-training
63. Sergio Castillo-Perez and Joaquin Garcia-Alfaro. Spyware-based Menaces Against Web Applications
64. Albert Pastrana and Enric Serradell. Possibilities of open source software in developing local small business
99 Juan José Marin. Learning Free Software Development from Real-World Experience

Poster session*
2nd Floor. Room C, Friday, All day

*POSTER SESSION, 2nd Floor, Room C, All days

68. sakuna charoenpanyasak. ORDERED VS NON-ORDERED messages in SCTP multihoming over Ad hoc networks
50. Tse-Ming Tsai, Chia-Chun Shih and Ting-Chun Peng. Explore the possibility of utilizing Blog Semantic Analysis for Domain Expert and Opinion Mining (short)
51. Monika Steinberg and Jürgen Brehm. Social educational games based on Open Content
67. Hiromi BAN. Construction of an e-Learning System for Supporting the Learning of English Sentences (short)
1. Osama Mansour. Group Intelligence: a distributed cognition perspective (short)

80. Akira Noguchi, Takeshi Fujimura and Hiroyoshi Miwa. Traffic Engineering by Polynomially Solvable Link Metric Optimization
84. Yuji Okamoto and Takeo Fujii. Multi-cell Interference Reduction Packet Control for Improving Cell Boundary Throughput for Multi-hop Cellular System
87. Akira Nagata, Shinya Yamamura and Masato Tsuru. Integrating Multiple and Heterogeneous Challenged Networks for Large-Sized Data Transfer
91. Takumi Miyoshi and Kenji Sekiya. On the Packet Similarity of Real-time Streaming Services