

# IADIS International Conference Informatics 2009

## PRELIMINARY CONFERENCE PROGRAM

**Wednesday 17<sup>th</sup>, June 2009**

08:30-17:00 Welcome Desk

09:30-10:00 Session O – Opening Session  
(Room: Algar Seco)

**OPENING SESSION**

*Prof. Hans Weghorn, Prof. Jörg Roth and Prof. Pedro Isaías*

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

**DESIGNING PHYSICAL / DIGITAL OBJECTS: FROM SENSORS TO USER INTERACTION**

*Dr. Gerd Kortuem, Computing Department, Infolab21, Lancaster University, UK*

11:00-11:30 Coffee Break

11:30-12:30 Session KL2 – Keynote Presentation  
(Room: Algar Seco)

**FRAGMENTS OF PLAY  
INTER-CONNECTED, CO-CREATED SOCIAL MEDIA ENTERTAINMENT**

*Dr. Gary Hayes, Director of Laboratory for Advanced Media Production (LAMP) and Head of Virtual Worlds, Australia*

13:00-14:30 Lunch Break

14:30-16:10 Session FSP 17.1  
Theory Foundations // Technical Aspects // Other  
(Room: Algar Seco)

**ADAPTING HASH TABLE DESIGN TO REAL-LIFE DATASETS (F035)**

*Sándor Juhász and Ákos Dudás*

**ADAPTED QUALITY RESOURCE SELECTION USING THE GRID REPUTATION-POLICY TRUST MANAGEMENT SERVICE (F048)**

*Yonatan Zetuny, Gabor Terstyanszky, Stephen Winter and Peter Kacsuk*

**TELEMEDICINE PLATFORM ENHANCED VIDEOCONFERENCING SOLUTION TO OPERATE A ROBOT-COMPANION (S021)**

*Th. Simonnet*

**SOFTWARE IMPLEMENTATION – CHALLENGE FOR COMPANIES AND EMPLOYEES (S061)**

*Taivo Kangilaski*

14:30-16:35 Telecommunications, Networks and Systems  
(Room: Porches)

**THE DYNAMICS OF RFC3168 ECN: AN EXPERIMENTAL INVESTIGATION (F033)**

*Terry Koziniec and Michael Dixon*

**FUNCTION APPROXIMATION MODELS FOR NON-INTRUSIVE PREDICTION OF VOIP QUALITY (F041)**

*Mousa AL-Akhras and Khalil el Hindi*

**SIMPLIFIED SECURITY METHODOLOGY AND GUIDE FOR SECURE S/W DEVELOPMENT (F035)**

*Ho Seong Kim, Jae Hong Han, Wan S. Yi, Yoo Jae. Won and BongNam Noh*

**ENHANCED EQUIVALENT CAPACITY METHOD (S038)**

*Pavol Polacek and Ivan Baronak*

**SECURITY AND RISK FORENCICS NEEDS FOR INFORMATION INTERCONNECTED SYSTEMS (R037)**

*Diego Abbo and Lily Sun*

**Thursday 18<sup>th</sup>, June 2009**

08:30-17:00 Welcome Desk

09:20-11:00 Session FSP 18.1  
Human Respect // Natural language processing // Other  
(Room: Algar Seco)

**AUTOMATIC SUMMARIZATION OF NEWS USING WORDNET CONCEPT GRAPHS (F064)**

*Laura Plaza, Alberto Díaz and Pablo Gervás*

**A DECISION TREE APPROACH FOR SECURITY TRADING (F042)**

*Gilles Richard and Hasan Alsaedy*

**A HYBRID CRYPTOSYSTEM APROACH FOR XML DOCUMENTS (S032)**

*Abdelsalam Almarimi and Ibrahim Almerhag*

**ACADEMIC RESEARCH MANAGEMENT BY MEANS OF AN INTEGRATED SOFTWARE SYSTEM (S038)**

*Alina Bianca Andreica and Paul Serban Agachi*

**09:00-11:20 Wireless Applications and Computing  
(Room: Porche)**

**LOCATION-AWARE ACCESS CONTROL: AN OVERVIEW  
(F030)**

*Michael Decker*

**ENABLING END-TO-END LSPS OVER HYBRID WIRED-  
WIRELESS NETWORKS (F047)**

*Ahmed Sameh, Sherif Wagih and Qusay Salama*

**EXPERIENCES WITH EXPERIMENTS IN AMBIENT  
INTELLIGENCE ENVIRONMENTS (S031)**

*Piero Zappi, Clemens Lombriser, Elisabetta Farella, Luca Benini  
and Gerhard Tröster*

**GRACEFUL DEGRADATION OF MOBILE VIDEO  
QUALITY OVER WIRELESS NETWORK (S033)**

*Hussein Muzahim Aziz and Lars Lundberg*

**SYNERGY AND ETHICS ISSUES OF USING RFID IN  
CASINO (S026)**

*Kang-Lin Peng and Ming-Chu Lin*

**DEVELOPMENT OF A GENERIC PROCESS MODEL WITH  
PRACTICAL RELEVANCE TO IMPLEMENTATION OF  
RFID IN THE HEALTHCARE SECTOR (S035)**

*Mike Krey*

**11:00-11:30 Coffee Break**

**11:30-12:30 Session KL3 – Keynote Presentation  
(Room: Algar Seco)**

**HCI THROUGH THE ‘HC EYE’ (HUMAN-CENTRED EYE):  
CAN COMPUTER VISION INTERFACES EXTRACT THE  
MEANING OF HUMAN INTERACTIVE BEHAVIOUR?**

*Dr. Claude C. Chibelushi, Faculty of Computing, Engineering &  
Technology, Staffordshire University, UK*

**13:00-14:30 Lunch Break**

**14:30-15:30 Session Poster Session  
(Room: Algar Seco)**

**PROTOTYPING OF DYNAMIC INFORMATION DISPLAY  
SYSTEM OF JAVA PROGRAMS (P023)**

*Samukawa, A. - Shioya, Y. - Iwasawa, K.*

**INTEGRATED SOFTWARE FRAMEWORK FOR  
ACADEMIC MANAGEMENT (P044)**

*Alina Bianca Andreica*

**ANALYSIS OF CRITICAL SUCCESS FACTORS FOR ERP  
IMPLEMENTATION PROJECTS IN HEALTH  
ORGANIZATIONS (S040)**

*Lamyia A. Al- Omair and Ali N. Al-Kinani*

**USING AN HYBRID MODEL TO EVALUATE AND  
IMPROVE PERFORMANCE OF WIRELESS ACCESS TO  
BASIC AND COMPOSITE WEB SERVICES (P051)**

*Mohamed Adel Serhani, Elarbi Badidi, Abdelghani Benharref and  
Mohamed Boulmalf*

**MOBILE EMERGENCY DEVICE (P028)**

*Andreas Pötzlberger and Thomas Weiß*

**NEW COMPLEMENTARY CODE SETS FOR PAPR  
REDUCTION (P044)**

*Hiroshi Takase*

**15:30-16:50 Telecommunications, Networks and Systems  
(Room: Porches)**

**BUILDING A COLLABORATORY IN AN ENGINEERING  
R&D ORGANIZATION (F027)**

*Zita P. Correia, Catarina Egreja, Maria Joaquina Barrulas, Rui Gil,  
Diogo R. Ferreira and Luis Arriaga da Cunha*

**THE EQUIVALENCE OF MAXIMUM PROFIT AND  
MINIMUM COST OBJECTIVES IN SERVICE OVERLAY  
NETWORK DESIGN (F046)**

*Ngok Lam, Zbigniew Dziog and Lorne G. Mason*

**AUTOMATIC INFORMATION/DATA GATHERING AND  
DISTRIBUTION TO SUPPORT A CATASTROPHES EARLY  
WARNING SYSTEM (S024)**

*Sandro Carlos Santos de Carvalho e João Agostinho Pavão*

**17:30 Conference Dinner**

**Friday 19<sup>th</sup> June 2009**

**08:30-14:00 Welcome Desk**

**09:10-11:00 Session FSP 19.1**

**Software engineering // Development processes  
(Room: Algar Seco)**

**INTRODUCING DISCIPLINE TO XP: APPLYING PRINCE2  
ON XP PROJECTS (F027)**

*Zaidoun Alzoabi, Asim El Sheikh, Mouhib Alnoukari and Faek Diko*

**UML: HOW TO MODEL USER INTERFACES -- AN  
EXPLORATORY STUDY (F029)**

*Martin Svensson, Adam Ydenius, Linn Gustavsson Christiernin and  
Stefan Christiernin*

**IT MANAGEMENT BASED ON CONTEMPORARY BEST  
PRACTICE FRAMEWORKS (F026)**

*Martin Knahl*

**METHODOLOGICAL ASPECTS OF THE MODEL DRIVEN  
DEVELOPMENT (S028)**

*Ruben Picek and Sven Stubljär*

**11:00-11:30 Coffee Break**

**11:30-12:30 Session FP 19.2**

**Performance issues // Other  
(Room: Algar Seco)**

**MODELLING PERFORMANCE IMPACT OF CACHES ON  
HASH TABLE PERFORMANCE (F036)**

*Sándor Kolumbán, Sándor Juhász and Ákos Dudás*

**QUALITY INVESTIGATION OF SENSOR SETUPS IN ICA  
SIGNAL DECONVOLUTION: APPLICATION IN GESTURE  
ANALYSIS BASED ON SEMG BIO-SIGNAL PROCESSING  
(F059)**

*Ganesh R. Naik, Dinesh K. Kumar and Hans Weghorn*

**12:30 Best Paper Awards Ceremony and Closing Session**

**(Room: Algar Seco)**

*Prof. Hans Weghorn, Prof. Jörg Roth and Prof. Pedro Isaias*