

Wednesday 24 June 2009

18:30 - 19:00	Registration
19:00 - 20:30	Room A3 Opening Ceremony
WE-A3-5-KS	Fifty years of systems thinking for managers Keynote address by Mike C. Jackson

Thursday 25 June 2009

09:00 - 09:30	Registration
09.30 - 11:00 TH-A1-1-BU	Room A1 Business Session Chair: D. Antonova
TH-A1-1-BU-01:	Potentialities of small business structures in machine-building industry for inventions of knowledge Diana Antonova & Svilen Kunev
TH-A1-1-BU-02:	An inter-industry analysis with emphasis on agriculture Erasmia Valma
TH-A1-1-BU-03:	Estimations on financial characteristics of the manufacturing industry. The case of region of East Macedonia-Thrace in Greece Michail Nikolaidis, Athanasios Mandilas & Athanasios Nikolaidis
TH-A1-1-BU-04:	Customer satisfaction of mobile phone services Prodromos D. Chatzoglou, Apostolos A. Mpaloukas & Stergios K. Vranakis
TH-A1-1-BU-05:	Consumers' online buying behaviour in the context of different product types Elissavet Keisidou, Lazaros Sarigiannidis & Dimitrios Maditinos

09.30 - 11:00 TH-A2-1-UR	Room A2 Uncertainty / Risk Session Chair: N. Petrov
TH-A2-1-UR-01:	Criticism of the concept of probability determination Nikolay Ivanov Petrov
TH-A2-1-UR-02:	Insurance us a fundamental and personal risk management system Aija Graudiņa
TH-A2-1-UR-03:	Viable Systems Modeling (VSM) and the problem of managing uncertainty Inga Krättli
TH-A2-1-UR-04:	Experiences from teaching the viable system model Panagiotis Panagiotakopoulos

09.30 - 11:00 TH-A3-1-KR	Room A3 K.R.I.O.S. Workshop Session Chair: Vasilis Aggelis & Georgia Peleki
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11:00 - 11:15	Coffee break
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11:15 - 12:45 TH-A1-2-HRA	Room A1 HRM A Session Chair: E. Dimitriadis
TH-A1-2-HRA-01:	Human resource involvement, job analysis and their impact on firm performance Anastasios Diamantidis & Prodromos Chatzoglou
TH-A1-2-HRA-02:	The gap between the existing and the ideal human resource management (HRM) system: it's impact on the performance of Greek enterprises Efstathios Dimitriadis, Despoina Kaltsidou & Spyridon Mamalis
TH-A1-2-HRA-03:	The impact of HRM on organizational performance: a proposed "best HRM practices system" George Theriou & Prodromos Chatzoglou
TH-A1-2-HRA-04:	Systems of recruitment of auxiliary personnel in the small to medium-sized enterprises in the Greek manufacturing industries Danaï Arapidou, Ioanna Vouloutsis, Foteini Kalostroumpi & Ioanna Saltsidou
TH-A1-2-HRA-05:	In unity is strength: a critical evaluation of the training programmes adopted to support a merger Maria-Eleni Symeonidou & Joanne Duberley

Sessions Schedule

11:15 - 12:45 TH-A2-2-PM	Room A2 Project Management Session Chair: M. Raynolds
TH-A2-2-PM-01:	Critical systems thinking for project management Martin Reynolds & Rob Taylor
TH-A2-2-PM-02:	Priorities in determining indicator for economic efficiency of a building renovation project Svetoslava Enimaneva & Diana Antonova
TH-A2-2-PM-03:	Contemporary aspect of a problem work with information Dimiter Ginchev, Nikolai Petrov & Nikolay Pavlov Atanasov
TH-A2-2-PM-04:	Designing project management systems to deal with uncertainty Konstantinos P. Anagnostopoulos, Georgios K. Koulinas, Stratos Koutroudis & Lazaros Papavasiliou
11:15 - 12:45 TH-A3-2-EE	Room A3 Engineering / Energy Session Chair: Panagiotakopoulos D.C.
TH-A3-2-EE-01:	Hierarchic dependencies in beer brewing Magdalena A. Kalaidjieva & Svetla Vassileva
TH-A3-2-EE-02:	Visualising and evaluating hierarchy types and operations - a systemic toolbox Magdalena A. Kalaidjieva
TH-A3-2-EE-03:	Reliability research of contact brush meeting of electrical machines Krasimira Keremidchieva, Nikolay Petrov & Stefka Nedelcheva
TH-A3-2-EE-04:	BIEN: a tool for managing industrial energy systems Theodora C. Kouloura
TH-A3-2-EE-05:	Developing a framework for the implementation of sustainable energy management from the end users standpoint Theodora C. Kouloura & Dimitrios C. Panagiotakopoulos
12:45 - 13:00	Coffee break
13:00 - 14:30 TH-A3-3-KSA-01	Room A3 Systemic thinking and the emerging discipline of service science Keynote address by Linda Macaulay
TH-A3-3-KSA-02	Integrating systems thinking and systems dynamics: reflections after 30 years Keynote address by Robert Cavana
14:30 - 16:30	Lunch break
16:30 - 18:00 TH-A1-4-HRB	Room A1 HRM B Session Chair: Al-Sawafi A.M.
TH-A1-4-HRB-01:	Factors affecting motivation of employees in public sector: the case of the prefecture of Drama-Kavala-Xanthi Lambros Tsourgiannis, Anastasios Karasavvoglou, Theodoros Keventzidis & Yiannis Tsoukalidis
TH-A1-4-HRB-02:	The possibility and effectiveness of design type thinking in managing change in the Human resources function in Omani Government Abdul Majeed Al-Sawafi
TH-A1-4-HRB-03:	The decision to share: a conceptual model of the knowledge sharing behaviour of health professionals in public hospital wards Eftichia Vraimaki & Prodromos D. Chatzoglou
TH-A1-4-HRB-04:	Renewal of skills in response to the crisis: the proliferation of research on adult skills Anastasios Bisopoulos
16:30 - 18:00 TH-A2-4-SDA	Room A2 System Design A Session Chair: A. Adamides
TH-A2-4-SDA-01:	International business collaboration and communication tools using WEB 2.0 techniques (the Intermas e-consulting platform case study) Andreas Bitros
TH-A2-4-SDA-02:	Using 3D computer graphics for furniture design and marketing. The Greek companies case study Ioannis Papadopoulos & Anastasios Karvelas

Sessions Schedule

TH-A2-4-SDA-03:	The role of built-in argumentation systems in computer-supported collaboration: An analysis using actor-network theory Emmanuel D. Adamides & Nikolaos Karacapilidis
16:30 - 18:00	Room A3
TH-A3-4-ENA	Environment/Ecology A Session Chair: A. Aivaliotis
TH-A3-4-ENA-01:	An actuarial model for the management of forest fire consequence propagation Alkiviadis Aivaliotis
TH-A3-4-ENA-02:	A website's model-framework for green portals that promote forest recreation grounds near wetlands in Greece Antonios Athanasiadis & Zacharoula Andreopoulou
TH-A3-4-ENA-03:	The programming environment of NETLOGO as a tool for introducing Greek high-school students to eco-systemic thinking Aristotelis Gkiolmas, Anthimos Chalkidis, Dimitrios Stavrou, Kostas Karamanos & Constantine Skordoulis
TH-A3-4-ENA-04:	Municipal solid waste landfills site selection integrating GIS, AHP and TOPSIS Konstantinos P. Anagnostopoulos, Athanasios Vavatsikos & Olympia Demesouka
18:00 - 18:15	Coffee break
18:15 - 19:45	Room A1
TH-A1-5-TO	Tourism Session Chair: N. Assimakopoulos
TH-A1-5-TO-01:	An integrated information system for the tourism industry: a systemic virtual enterprise Nikitas Assimakopoulos, Nikolaos Dimitriou, Efstathios Sotiriou - Xanthopoulos & Evangelos Varvitsiotis
TH-A1-5-TO-02:	Adding value to balanced scorecard development by integrating cause mapping and system dynamics, a win win scenario for e-tourism Jason Anagnostopoulos & Yannis A. Pollalis
TH-A1-5-TO-03:	The role of crisis in hiring personnel in tourism industry Theodoros Athanasiadis, Andreas Katifes, Efstathios Lagoudakis & Alexandros Papagiannis
TH-A1-5-TO-04:	Tourism clusters: management and technology challenges Mariza Tsakalerou & Stefanos Katsavounis
18:15 - 19:45	Room A2
TH-A2-5-SDB	System Design B Session Chair: G.Altuger
TH-A2-5-SDB-01:	An approach to facilitate decision making in an integrated design environment Gonca Altuger & Constantin Chassapis
TH-A2-5-SDB-02:	Axiomatic design and systematic design principles comparison based on a new product case study Pantelis N. Botsaris, Konstantinos P. Anagnostopoulos & Sofia Marsidou
TH-A2-5-SDB-03:	Intelligent integrated vision system for indoor robotics applications Rigas Kouskouridas, Antonios Gasteratos, Nikolaos Kyriakoulis, Dimitrios Chrysostomou, Vasileios Belagiannis, Alexandros Iosifidis, Evaggelos Karakasis, Efthimios Badekas & Spyridon Mouroutsos
TH-A2-5-SDB-04:	The systemic marketing and the application of PRMs (partner relationship management) improving the efficiency of a virtual enterprise Aggeliki Papailiou
18:15 - 19:45	Room A3
TH-A3-5-ENB	Environment/Ecology B Session Chair: T. Yiannakopoulou
TH-A3-5-ENB-01:	Industry in Greece and environmental policy in the frames of social responsibility of enterprises Pascalina Vais, Athina Karakosta, Elisabet Ourgantzoglou & Georgia Stroubi
TH-A3-5-ENB-02:	A system dynamics framework for irrigation water management in coastal Mediterranean regions Trissevyene Yiannakopoulou
TH-A3-5-ENB-03:	Systemic thinking and industrial ecology - the concept of eco-industrial parks Georgios Gaidajis, Komninos Angelakoglou & Despoina Aktsoylou

TH-A3-5-ENB-04: Systems thinking and environmental assessment of products - using the life cycle assessment (LCA) approach
Georgios Gaidajis & Komninos Angelakoglou

Friday 26 June 2009

09:00 - 09:30

Registration

09:30 - 11:00

Room A1

FR-A1-1-PS

Public Sector

Session Chair: M. Beyzatlar

FR-A1-1-PS-01: Innovation culture building - contemporary dimensions and challenges upon the public sector in Bulgaria
Diana Antonova & Miglena Pencheva

FR-A1-1-PS-02: Transportation infrastructure, economic growth and population density in Turkey
Mehmet Aldonat Beyzatlar & Yeşim Kuştepe

FR-A1-1-PS-03: Are trolley buses in Athens and Piraeus efficient?
Panayotis Michaelides, Athena Belegri-Roboli & Theoharis Marinos

FR-A1-1-PS-04: The image of a region: a tool for its sustainable development
Vasilis Angelis

09.30 - 11:00

Room A2

FR-A2-1-EL

E-Learning / Teaching

Session Chair: M.R. Cooper

FR-A2-1-EL-01: A model to investigate the critical success factors of the acceptance of on line education
Vasileios P. Aggelidis & Polychronis G. Aggelidis

FR-A2-1-EL-02: Innovative teaching methods: music, movies, and podcasts to augment students' learning of quantitative subjects
Maysami Ramin Cooper, Zacharias Manousaridis & Athena Nathanail

FR-A2-1-EL-03: A systemic approach for a course management system
Theodoros Mitakos, John Almaliotis & An. Chronopoulos

FR-A2-1-EL-04: The mutual learning program: an indispensable process for policy transferability
Anastasios Bisopoulos

09.30 - 11:00

Room A3

FR-A3-1-MA

Management

Session Chair: L. Pană

FR-A3-1-MA-01: Analysis and comparison of systemic methodologies for organisational design
Kalliopi Peponi, Argyris Arnellos, Thomas Spyrou & John Darzentas

FR-A3-1-MA-02: SYNTHIA: An object-oriented framework for the synthesis of internet activity
Georgios Kastaniotis & Christos Douligeris

FR-A3-1-MA-03: Brokerage and closure in sociotechnical systems transitions
George Papachristos, A. Sofianos & Emmanuel D. Adamides

FR-A3-1-MA-04: Systemic change and crisis management
Laura Pană

FR-A3-1-MA-05: Philosophical foundations for systems thinking in economics: a Critical Realism perspective
Paschalis A. Arvanitidis

FR-A3-1-MA-06: Analysis of the FX traders' work using the naturalistic decision making framework: implications for the design of user centred decision support systems
Bill Davilas

11:00 - 11:15

Coffee break

11:15 - 12:45

Room A1

FR-A1-2-NE

Negotiations

Session Chair: A. Christakis

FR-A1-2-NE-01: Systemic analysis of the intractability of the Cyprus problem
Yiannis Laouris & Aleco Christakis

FR-A1-2-NE-02: Συστημικά «εργαλεία» συζητήσεων για το Κυπριακό
Κρίστης Χαράκης & Μιχάλης Μακάριος Χαράκης

FR-A1-2-NE-03: A systemic view of history: the synergy of our stories
Paul R. Hays & Jacqueline Wasilewski

11:15 - 12:45 FR-A2-2-IT	Room A2 IT / IS Session Chair: Y. Gökşen
FR-A2-2-IT-01:	Investigation of variations in the software development process Yılmaz Gökşen, Sabri Erdem, Bilgehan Öztürk & Erhan Seven
FR-A2-2-IT-02:	Software development project risk management: a new conceptual framework for evaluating risk and performance in Greek projects Lazaros Sarigiannidis & Prodromos Chatzoglou
FR-A2-2-IT-03:	Security issues in distributed financial information systems: case of Greece Dimitrios Maditinos, Željko Šević & Nikolaos Kokkinos
FR-A2-2-IT-04:	Adequacy, functionality and reliability of accounting information systems: an empirical research Christos D. Kakkos
FR-A2-2-IT-05:	Factors affecting ERP system effective implementation Dimitrios Maditinos, Dimitrios Chatzoudes, Charalampos Tsairides & Anyisia Parnassou
FR-A2-2-IT-06:	Measurement of satisfaction of very small companies from their own IT system Despoina Kaltsidou, Ioanna Tompoudi & Efstathios Dimitriadis
11:15 - 12:45 FR-A3-2-CL	Room A3 Business Clusters Session Chair: V. Tourassis
FR-A3-2-CL-01:	Business clusters in wellness tourism: the case of Greece Dimitris G. Lagos, Mihail N. Diakomihalis & Eleni A. Didascalou
FR-A3-2-CL-02:	Networks for innovative collaboration in Sweden and Bulgaria Maya Paskaleva & Diana A. Antonova
FR-A3-2-CL-03:	The changing face of the tobacco cluster in Northern Greece Ioannis S. Tourtouras, Anna P. Chatzimichali, Vassilios D. Tourassis
FR-A3-2-CL-04:	Good practice in opportunity recognition and entrepreneurial process of start ups: some considerations and suggestions Irene Fafaliou & Jason Anagnostopoulos
12:45 - 13:00	Coffee break
13:00 - 14:30 FR-A3-3-KSB-01	Room A3 Anticipating the challenges to the vision of a bottom-up democracy Keynote address by Aleco Christakis
FR-A3-3-KSB-02	Human systems are different: a phenomenological approach to systems design Keynote address by Haridimos Tsoukas
14:30 - 16:30	Lunch break
16:30 - 18:00 FR-A1-4-BA	Room A1 Banking-Finance Session Chair: D. Maditinos
FR-A1-4-BA-01:	Internet banking user acceptance: evidence from Greece and Bulgaria Dimitrios Maditinos, Charalampos Tsairidis & Chrisostomos Grigoriadis
FR-A1-4-BA-02:	EUDIT: a system to reform world financial crisis by facilitating EU auditing license test with virtues evaluation Dimitris Themistocles Zissopoulos, Violeta Corobceanou & Adroniki Katarachia
FR-A1-4-BA-03:	Overconfident investors and trading activity: a behavioural perspective and empirical results Dimitrios Kourtidis, Prodromos Chatzoglou & Željko Šević
FR-A1-4-BA-04:	The role of a bank's internal processes in improving its performance Maria Mavri, Katerina Dimaki & Vasilis Angelis
FR-A1-4-BA-05:	Client selection criteria for banks in Greece Stamatios Legatos, Anastasia Liapi, Aikaterini Marinaki & Nikolaos Staurianidis
FR-A1-4-BA-06:	Conceptual approaches to co-operative banking and customers satisfaction drivers Adroniki Katarachia & Vassilios D. Tourassis

16:30 - 18:00	Room A2
FR-A2-4-EG	Internet / E-Government Session Chair: V. Moustakis
FR-A2-4-EG-01:	Global networks of locations and cultures. Greek cultural tradition on the internet and the cyberspace Ioannis Karydas & Ioannis Apostolakis
FR-A2-4-EG-02:	Cost-benefit analysis for the expansion of a Greek E-Shop in Balkans - case study of Bulgaria Andreas Bitros, Dimitrios Malandrakis & Antonios Ventouris
FR-A2-4-EG-03:	The policy framework of network and information security in the European Union new challenges and prospects Eleni Varvarousi
FR-A2-4-EG-04:	Managing collaboration complexity in e-government services: lessons learnt from systems theory Konstadinos Kutsikos & Gerasimos Kontos
FR-A2-4-EG-05:	Managing e-government services: an overview of emergent strategy models Spyros Angelopoulos, Fotis Kitsios & Vassilis Moustakis
16:30 - 18:00	Room A3
FR-A3-4-SP	Social Policy Session Chair: K. Rontos & J. Kallas
FR-A3-4-SP-01:	Demographic patterns and social policy in Greece and in other European countries Kostas Rontos
FR-A3-4-SP-02:	Social systems theory and research infrastructures John Kallas
FR-A3-4-SP-03:	Developmental social policy and social research Nikos Nagopoulos
FR-A3-4-SP-04:	Sociality and choice behavior Eleni Kitrinou
FR-A3-4-SP-05:	The phenomenon of economic responsibility Olev Raju
18:00 - 18:15	Coffee break
18:15 - 19:45	Room A1
FR-A1-5-GRA	Greek A Session Chair: E. Besila-Makridi
FR-A1-5-GRA-01:	Παράγοντες που επηρεάζουν το σύστημα αξιολόγησης των προτάσεων E&T της Ευρωπαϊκής Ένωσης Νικόλαος Γεωργιάδης, Βίκυ Μάνθου & Χριστίνα Μπέστα
FR-A1-5-GRA-02:	Συστημικές σκέψεις επίλυσης νομικών διαφορών διαδικτύου Μαίρη Κωνσταντοπούλου, Ελισάβετ Μπέσιλα-Μακρίδη & Νικήτας Ασημακόπουλος
FR-A1-5-GRA-03:	Εξόρυξη γνώσης από αστρονομικά δεδομένα Ευαγγελία Δ. Μίτσικα
FR-A1-5-GRA-04:	Ελληνικές επιχειρήσεις στα Βαλκάνια : εκτιμήσεις και προοπτικές Ευαγγελία Δ. Μίτσικα, Δημήτριος Ι. Πάκος
18:15 - 19:45	Room A2
FR-A2-5-GRB	Greek B Session Chair: M. Vlachopoulou
FR-A2-5-GRB-01:	Σχεδιασμός και ανάπτυξη ενός κόμβου στο Διαδίκτυο για ηλεκτρονική διακυβέρνηση και μανάτζμεντ της γεωργικής παραγωγής Θωμάς Μπουρνάρης, Βασίλης Μάνος, Μάρω Βλαχοπούλου & Βασιλική Μάνθου
FR-A2-5-GRB-02:	Τα ιστολόγια (e-blogs), ως συμπλήρωμα στην παραδοσιακή εκπαιδευτική διαδικασία. Η δυνατότητα κριτικής προς τον καθηγητή. Συγκριτική έρευνα στο ΤΕΙ Λάρισας και το Πανεπιστήμιο Ιωαννίνων Giannis Koulouktsis, Lia Pange & Jenni Pagge
FR-A2-5-GRB-03:	Σχεδιασμός και υλοποίηση συλλογικού μαθησιακού πράκτορα: εικονικές κοινότητες συνεργασίας και μάθησης εκπαιδευτικών Νικήτας Α. Ασημακόπουλος & Ιωάννης Χ. Θεοχαρόπουλος
FR-A2-5-GRB-04:	Εικονικές επιχειρήσεις και ηλεκτρονική διακυβέρνηση: μια προσέγγιση με χρήση Active Server Pages Αναστάσιος Ν. Ρίγγας, Παναγιώτα Λ. Βουτσά & Σπύρος Π. Αγγελόπουλος

Sessions Schedule

FR-A2-5-GRB-05: Strategic management structures for Civil Protection (CP) services in Greece. A systemic approach of forest fire crises
Alkiviadis Aivaliotis & Savvas Makridis

18:15 - 19:45

Room A3

FR-A3-5-SE

SEM

Session Chair: A. Protopapas

FR-A3-5-SE-01: Business process reengineering with use of workflow technologies
Evanthia Tasopoulou

FR-A3-5-SE-02: Technical and financial parameters of civil nuclear reactors
Konstantinos P. Stergidis & Georgios Nikolaou

FR-A3-5-SE-03: Using biogas for energy production: comparison between anaerobic digestion and land filling
Elissavet Nikoli & Evaggelos Voudrias

FR-A3-5-SE-04: Consideration of a solution for the treatment and the safe environmental disposal of acidic mine waters
Georgios Gaidajis, Pantelis Botsaris & Despoina Zaloumi

FR-A3-5-SE-05: Evaluation of the environmental sustainability performance of industrial facilities
Georgios Gaidajis & Chrisanthi Palasopoulou

FR-A3-5-SE-06: Application of management cybernetics methods in a public hospital: case study the energy system of general hospital Xathi.
Charalambos Gevrekis & Dimitrios C. Panagiotakopoulos

21:00 - ...

Official Dinner

Saturday 27 June 2009

08:00 - ...

Boat tour around Thassos Island & onboard lunch