ADVANCES ON INFORMATION PROCESSING AND MANAGEMENT

CONFERENCE ORGANIZERS INSTITUTES

The International Conference on Integrated Information is supported by the following Institutes:

Emerald Group Publishing Limited
Technological educational Institute of Athens, Greece
University of Peloponnese, Greece
National And Kapodistrian University of Athens, Greece
Mednet Hellas, The Greek Medical Network
2nd AMICUS Workshop

INTEGRATED INFORMATION

International Conference on Integrated Information

Kos, Greece September, 29 – October, 3 2011

EDITORS

Georgios A. Giannakopoulos *Technological Educational Institute of Athens, Greece*

Damianos P. Sakas *University of Peloponnese, Greece*

All papers have been peer-reviewed



Piraeus, Greece, 2011

Editors

Georgios A. Giannakopoulos

Technological Educational Institute of Athens Faculty of Management and Economics Department of Library Science and Information Systems Address: Aghiou Spyridonos Street, 12210, Egaleo

E-mail: gian@teiath.gr

Damianos P. Sakas

University of Peloponnese Faculty of Science and Technology Department of Computer Science and Technology Address: End of Karaiskaki St., 22100, Tripolis, Greece

E-mail: D.Sakas@uop.gr

The copyrights will be owned by the authors under the Creative Commons Attribution-Non Commercial license (http://creativecommons.org/licenses/by-nc/3.0/), which permits unrestricted use, distribution, and reproduction in any non commercial medium, provided the original work is properly cited.

ISSN:

Printed in the Greece, EU

CONTENTS

PREFACE: Proceedings of the International Conference on Integrated Information (IC-INFO 2011)	1
Georgios A. Giannakopoulos, Damianos P. Sakas	
Conference Details	3
Keynote Speaker	5
SYMPOSIUM ON INFORMATION AND KNOWLEDGE MANAGEMENT Prof. Christos Skourlas	6
Towards the Preservation and Availability of Historical Books and Manuscripts: A Case Study Eleni Galiotou	8
An Extensive Experimental Study on the Cluster-based Reference set Reduction for Speeding-up the k-nn Classifier Stefanos Ougiaroglou, Georgios Evangelidis and Dimitris A. Dervos	12
Exploiting the Search Culture Modulated by the Documentation Retrieval Applications Nikitas N. Karanikolas and Christos Skourlas	16
Information and Knowledge Organization: The Case of the TEI of Athens Anastasios Tsolakidis, Manolis Chalaris and Ioannis Chalaris	22
Providing Access to Students with Disabilities and Learning Difficulties in Higher Education through a Secure Wireless framework Catherine Marinagi and Christos Skourlas	26
Improving Query Efficiency in High Dimensional Point Indexes Evangelos Outsios and Georgios Evangelidis	30
Text Segmentation Using Named Entity Recognition and co-Reference Resolution in Greek Texts	34
Pavlina Fragkou	
KINISIS, a Graphical XQuery Language Euclid Keramopoulos, Achilleas Pliakas, Konstantinos Tsekos and Ignatios Deligiannis	42
Dimensionality Curse, Concentration Phenomenon and the KDB-tree Nikolaos Kouiroukidis and Georgios Evangelidi	46

Applying Balanced Scorecard Strategic Management in Higher Education Manolis Chalaris, Anastasios Tsolakidis and Ioannis Chalaris	50
A Web Portal Model for NGOs' Knowledge Management Zuhal Tanrikulu	54
The Digital Archives System and Application Optimized for the Tradition Knowledge Archives	58
Jeon Hong. Chan, In Deok. Hwang, Jae Hak. Park, Hyeok. Sim, U won. Gwon and Soon Cheol. Park	
A Semi-automatic Emerging Technology Trend Classifier Using SCOPUS and PATSTAT	62
Seonho Kim, Woondong Yeo, Byong-Youl Coh, Waqas Rasheed, Jaewoo Kang	
Presenting a Framework for Knowledge Management within a Web Enabled Living Lab Lizette de Jager and Albertus AK Buitendag and Potjie (JS) van der Walt	66
4TH SYMPOSIUM ON BUSINESS AND MANAGEMENT AND DYNAMIC SIMULATION MODELS SUPPORTING MANAGEMENT STRATEGIES Dr. Damianos Sakas	71
New Political Communication Practices: No Budget Events Management. The New Challenge Evangelia N. Markaki, Damianios P. Sakas and Theodore Chadjipantelis	73
Free Software – Open Source Software. A Powerful Tool for Developing Creativity in the Hands of the Student Nacionavlas K. Dimitrias Demicros P. Sakas Konstantinos Massalas	78
Nasiopoulos K. Dimitrios, Damianos P. Sakas, Konstantinos Masselos	
Open Source Web Applications. How it Spread Through the Internet and their Contribution to Education.	82
Nasiopoulos K. Dimitrios, Damianos P. Sakas, Konstantinos Masselos	
Culture in Modern Times in the Frame of Luhmann's System Theory Anastasia J. Chournazidis	85
Managing Scientific Journals: A Cultural Viewpoint Marina C. Terzi, Damianos P. Sakas, and Ioannis Seimenis	87
A Conceptual Framework for Analyzing Knowledge-based Entrepreneurship Nikos S. Kanellos	92

SESSION ON INFORMATION HISTORY: PERSPECTIVES, METHODS AND CURRENT TOPICS	96
Prof. Laszlo Karvalics	
Emerging Research Fields in Information History Laszlo Z. Karvalics	98
Information Management through Elementary Data Clusters: New Observations on Pridianum-Type Roman Statistical Documents Gergő Gellérfi	102
Information and Secrecy on the Silk Road. Methods of Encryption of Legal Documents in Inner Asia (3th-4th century) Szabolcs Felföldi	106
The Role of Information and Disinformation in the Establishment of the Mongolian Empire: A Re-examination of the 13th century Mongolian History from the Viewpoint of Information History	110
Márton Gergő Vér	
Early Warning Systems and the Hospitallers in the Eastern Mediterranean Zsolt Hunyadi	114
Information Management as Establishment Dutch Navigational Knowledge on Japan, 1608-1641	118
Gabor Szommer	
Files Everywhere - Register and Training of Men for Military and Civil Purpose in Prussia in the early 18th century Marton Holczer	123
SYMPOSIUM ON INTEGRATED INFORMATION: THEORY, POLICIES, TOOLS Prof. Georgios Giannakopoulos	126
Approaching Information as an Integrated Field: Educating Information Professionals Georgios Giannakopoulos, Daphne Kyriaki Manesi and Sryridon Zervos	128
Special Libraries as Knowledge Management Centers Eva Semertzaki	132
Digital Libraries' Developers and their Suitability: A Case Study Maria Monopoli	136

A Preliminary Study for the Creation of a Greek Citation index in the Humanities and the Social Sciences (GCI – H&SS)	140
Daphne Kyriaki-Manessi and Evi Sachini	
Archiving as an Information Science. Evidence from a Survey Carried out on a Sample of Greek Students	144
Georgios Giannakopoulos and Ioannis Koumantakis	
Transition Process of E-records Management and Archiving System in Universities: Ankara University	147
S. Özlem Bayram and Fahrettin Ozdemirci	
Government Information: Access and Greece's Efforts for Access Aikaterini Yiannoukakou	150
School Archives and their Potentials in Teaching: Aspects of Greek Reality Sonia Geladaki and Panagiota Papadimitriou	156
Research on School Libraries in Greece and Suggestions on its Further Development Georgios D. Bikos	160
Building Digital Collections for Archeological Sites: Metadata Requirements and CIDOC CRM Extension	164
Georgios S. Gkrous and Mara Nikolaidou	
Museological Claims to Autonomous Knowledge: Rethinking the Conceptual Mode of Display and its Claims to Knowledge	169
Assimina Kaniari and Georgios Giannakopoulos	
Use of Library Loan Records for Book Recommendation Keita Tsuji, Erika Kuroo, Sho Sato, Ui Ikeuchi, Atsushi Ikeuchi, Fuyuki Yoshikane and Hiroshi Itsumura	172
Developing a National Database on Librarianship and Information Science. The Case of E-VIVA, the Hellenic Fulltext Database Filippos Ch. Tsimpoglou, Vasiliki V. Koukounidou and Eleni K. Sakka	176
Integrated Access to Cultural Heritage Information Pieces in Iran Astan-Quds Razavi's Organization of Libraries, Museums and Documents Center: A Theory of Unionization Disparate Information Assets over Imam Reza's Zarih Ms. Mitra Zarei and Ms. Maliheh Farrokhnia	181
Attitudes of University Librarians and Information Scientists towards the Draft Code of	185

Library Ethics to Present a Model for Final Library Ethical Codes

Mahsoomeh Latifi, Fatemeh Zandian and Hasan Siamian

SESSION ON OPEN ACCESS REPOSITORIES: SELF-ARCHIVING, METADATA, CONTENT POLICIES, USAGE	188
Dr. Alexandros Koulouris	
Geographical Collections in Greek Academic Libraries: Current Situation and Perspectives	189
Ifigenia Vardakosta and Sarantos Kapidakis	
Information Seeking Behavior: Factors that Affect the Behavior of Greek Astronomers Hara Brindesi and Sarantos Kapidakis	194
Aggregating Metadata for Europeana: The Greek Paradigm Alexandros Koulouris, Vangelis Banos and Emmanouel Garoufallou	198
Integrating a Repository with Research Output and Publications: The Case of the National Technical University of Athens	202
Dionysis Kokkinos	
Implementation of Workflows as Finite State Machines in a National Doctoral Dissertations Archive	205
Nikos Houssos, Dimitris Zavaliadis, Kostas Stamatis and Panagiotis Stathopoulos	
Practices of "Local" Repositories of Legally Protected Immovable Monuments. A Global Scheme for 'Designation – Significance' Information Michail Agathos and Sarantos Kapidakis	209
Sur sa a man a rea of	
Integration of Metadata in BWMETA-2.0.0 Format Katarzyna Zamlynska, Jakub Jurkiewicz and Lukasz Bolikowski	213
SESSION ON EVIDENCE-BASED INFORMATION IN CLINICAL PRACTICE Dr. Evangelia Lappa	216
Applicability of Data Mining Algorithms on Clinical Datasets Wilfred, Bonney	218
Changing Roles of Health Librarians with Open Access Repositories Christine Urquhar and Assimina Vlachaki	221
From Medical Records to Health Knowledge Management Systems: The Coding to Health Sector	225
Evangelia C. Lappa and Georgios A. Giannakopoulos	

The Survey of Skill, Attitude and Use of Computer and Internet among Faculty Members Hasan Siamian, Azita Bala Ghafari, Kobra Aligolbandi, Mohammad Vahedi and Gholam Ali Golafshani Jooybari	229
Trends in Scholarly Communication among Biomedical Scientists in Greece Assimina Vlachaki and Christine Urquhart	232
SESSION ON ELECTRONIC PUBLISHING: A DEVELOPING LANDSCAPE Dr. Dimitris Kouis	236
E-Journal and Open Access Journal Publishing in the Humanities: Preliminary Results from a Survey among Byzantine Studies Scholars Victoria Tsoukala and Evi Sachini	238
Preliminary Results on a Printed VS Electronic Text Books Assessment Through Questionnaire Dimitrios A. Kouis and Kanella Pouli	242
An Interpretation of Aristotelian Logic According to George Boole Markos N. Dendrinos	246
SESSION ON INFORMATION CONTENT PRESERVATION AS OUTCOME OF CONSERVATION OF CULTURAL HERITAGE: ETHICS, METHODOLOGY AND TOOLS Prof. George Panagiaris and Dr. Spiros Zervos	251
Intrinsic Data Obfuscation as the Result of Book and Paper Conservation Interventions Spiros Zervos, Alexandros Koulouris and Georgios Giannakopoulos	254
Mass Deacidification: Preserving More than Written Information Michael Ramin, Evelyn Eisenhauer and Markus Reist	258
Information Literacy of Library Users: A Case Study of Mazandaran Public Library Users, Iran Hussein Mahdizadeh and Hasan Siamian	260
The Narratives of Paper in The Archives of the New Independent Greek State (Mid 19th c.) Ourania Kanakari and Maria Giannikou	264
From Macro to Micro and from Micro to Nano: The Evolution of the Information Content Preservation of Biological Wet Specimen Collections Nikolaos Maniatis and Georgios Panagiaris	268

Digital images: A valuable scholar's tool or misleading material? Patricia Engel	272
Attitudes of University Librarians and Information Scientists Towards the Draft Code of Library Ethics to Present a Model for Final Library Ethical Codes Mahsoomeh Latifi, Fatemeh Zandianand and Hasan Siamian	277
Investigation of the Degradation Mechanisms of Organic Materials: From Accelerated Ageing to Chemometric Studies	280
Ekaterini Malea, Effie Papageorgiou and Georgios Panagiaris	
SESSION ON DIVERGENCE AND CONVERGENCE: INFORMATION WORK IN DIGITAL CULTURAL MEMORY INSTITUTIONS Dr. Susan Myburgh	285
Extending Convergence and Divergence in Cultural Memory Institutions: The Old Slave Lodge in the New South Africa Archie L Dick	287
The Transfer of Knowledge from Large Organizations to Small: Experiences from a Research Project on Digitization in Wales Clare Wood-Fisher, Richard Gough, Sarah Higgins, Menna Morgan, Amy Staniforth and Lucy Tedd	289
The Usage of Reference Management Software (Rms) in an Academic Environment : A Survey at Tallinn University Enrico Francese	293
Varialog : How to Locate Words in a French Renaissance Virtual Library Marie-Hélène Lay	297
The Urge to Merge: A Theoretical Approach Susan Myburgh	301
SYMPOSIUM ON ADVANCES INFORMATION FOR STRATEGIC MANAGEMENT Professor Nikolaos Konstantopoulos	304
Empowerment in the Tax Office of Greece Antonios E. Giokas and Nikolaos P. Antonakas	306
Building Absorptive Capacity Through Internal Corporate Venturing Ioannis M. Sotiriou and Alexandros I. Alexandrakis	310

The Monitoring Information System (M.I.S.) - An information and Management System for Projects Co-financed Under the National Strategic Reference Framework (NSRF) and the Community support framework (CSF)	
Catherina G. Siampou, Eleni G. Fassou and Athanassios P. Panagiotopoulos	
Corruption in Tax Administration: The Entrepreneurs View Point	318
Nikolaos P. Antonakas, Antonios E. Giokas and Nikolaos Konstantopoulos	
Conflicts between the IT Manager and the Software House after the Strategic Choice of Outsourcing of the Information Processes in Maritime Companies.	322
Anthi Z. Vaxevanou, Nikolaos Konstantopoulos, Damianos P. Sakas	
Contemporary Forms of Ordering Between the Supply Department and Ship Chandler Companies in the Shipping Industry	325
Anthi Z. Vaxevanou, Nikolaos Konstantopoulos, Damianos P. Sakas	
Strategies Implemented and Sources Used for the Acquisition of Information on Foreign Markets	329
Myropi Garri, Nikolaos Konstantopoulos and Michail G. Bekiaris	
The Effect of High Performance Working Systems on Informative Technology in Enterprises after Organisation Changes such as Mergers & Acquisitions	333
Nikolaos Konstantopoulos and Yiannis Triantafyllopoulos	
Personnel's Absorptive Capacity as a Guiding Concept for Effective Performance in Informative Technology	337
Nikolaos Konstantopoulos and Yiannis Triantafyllopoulos	
SESSION ON CONTEMPORARY ISSUES IN MANAGEMENT: ORGANISATIONAL BEHAVIOUR, INFORMATION TECHNOLOG, EDUCATION & HOSPITAL LEADERSHIP	341
Dr. Panagiotis Trivellas	
Investigating the Importance of Sustainable Development for Hotel SMES Panagiotis Reklitis and Anestis Fotiadis	343
Strategic Alignment of ERP, CRM and E-business: A Value Creation Catherine C. Marinagi and Christos K. Akrivos	347
The Impact of Occupational Stress on Performance in Health Care Panagiotis Trivellas Panagiotis Reklitis and Charalambos Platis	351

The Impact of Emotional Intelligence on Job Outcomes and Turnover Intention in Health Care	
Panagiotis Trivellas Vassilis Gerogiannis and Sofia Svarna	
SYMPOSIUM ON BUSINESS MANAGEMENT AND COMMUNICATION STRATEGIES SUPPORTING DECISION MAKING PROCESS IN TOURISM SECTOR	360
Dr. Panagiota Dionysopoulou	
The Human Factor as a Mediator to the Total Quality in the Tourism Companies. The impact of Employees' Motivation to Quality Improvements	362
Christos K. Akrivos and Panagiotis Reklitis	
Tourist Destination Marketing and Management Using Advanced ICTS Technologies Anastasia Argyropoulou, Panagiota Dionyssopoulou, Georgios Miaoulis	365
G.N.T.O. (Greek National Tourism Organization) Communication Strategy in Advertising Campaigns 1991-2006	370
George Stafylakis and Panagiota Dionyssopoulou	
GENERAL PAPERS	375
The role of Environmental Education within the Framework of the Environmental	376
Policy of a Regional Municipality	
Vassiliki Delitheou and Dimitra Thanasia	
Issues of Social Cohesion: A case study from the Greek Urban Scenery Evgenia Tousi	380
Merging Activity and Employee Performance: The Greek Banking System Panagiotis Liargovas and Spyridon Repousis	384
Sustainable Development and Corporate Social Responsibility in Higher Education: Some	387
Evidence from Greece	
Anastasios Sepetis and Fotios Rizos	
Exploring the Effects of Organizational Culture on Collaborative vs. Competitive	
Knowledge Sharing Behaviors	395
Hanan Abdulla Mohammed Al Mehairi and Norhayati Zakaria	

Preface: Proceedings of the International Conference on Integrated Information (IC-ININFO 2011)

GEORGIOS A. GIANNAKOPOULOS

Department of Library Science and Information Systems, Technological Educational Institute of Athens, Aghiou Spyridonos, Egaleo, 12210, Greece

DAMIANOS P. SAKAS

Department of Computer and Technology Science, University of Peloponnese, Praxitelous 89-91, Piraeus, 18532, Greece

Aims and Scope of the Conference

The International Conference on Integrated Information 2011 took place in Kos Island, Greece, between September, 29 and October, 3, 2011. IC-ININFO is an international interdisciplinary conference covering research and development in the field of information management and integration.

The conference aims at creating a forum for further discussion for an Integrated Information Field incorporating a series of issues and/or related organizations that manage information in their everyday operations. Therefore, the call for papers is addressed to scholars and/or professionals of the fields of Library and Archives Science (including digital libraries and electronic archives), Museum and Gallery Studies, Information Science, Documentation, Information Management, Records Management, Knowledge Management, Data management and Copyright experts the latter with an emphasis on Electronic Publications. Furthermore, papers focusing on issues of Cultural Heritage Management and Conservation Management are also be welcomed along with papers regarding the Management of Nonprofit Organizations such as libraries, archives and museums.

One of the primary objectives of the IC-ININFO will be the investigation of information-based managerial change in organizations. Driven by the fast-paced advances in the Information field, this change is characterized in terms of its impact on organizations that manage information in their everyday operations.

Grouping emerging technologies in the Information field together in a close examination of practices, problems and trends, IC-ININFO and its emphases on integration and management will present the state of the art in the field. Addressed jointly to the academic and practitioner, it will provide a forum for a number of perspectives based on either theoretical analyses or empirical case studies that will foster dialogue and exchange of ideas.

Topics of general Interest

Library Science, Archives Science, Museum and Gallery Studies, Information Science, Documentation, Digital Libraries, Electronic Archives, Information Management, Records / Document Management, Knowledge Management, Data Management, Copyright, Electronic Publications, Cultural Heritage Management, Conservation Management, Management of Nonprofit Organizations, History of Information, History of Collections, Health Information

Symposia

The Conference offered a number of sessions under its patronage, providing a concise overview of the most current issues and hands-on experience in information-related fields.

- Symposium on Integrated information: Theory, Policies, Tools
- 4th Symposium on Business and Management and Dynamic Simulation Models supporting management strategies

- Session on Open Access Rrepositories: Self-archiving, Metadata, Content policies, Usage
- Session on Evidence-Based Information in Clinical Practice
- Session on Business Management and Communication Strategies supporting Decision Making Process in Tourism Sector
- Session on Electronic Publishing: A Developing Landscape
- Session on Information and Knowledge Management
- Session on Information Content Preservation as Outcome of Conservation of Cultural Heritage: Ethics, Methodology and Tools
- Session on Advances Information for Strategic Management
- Session on Information History: Perspectives, Methods and Current Topics
- Session on Divergence and Convergence: Information Work in Digital Cultural Memory Institutions
- Session on Contemporary issues in Management: Organisational Behaviour, Information Technology, Education & Hospital leadership.

The wide range of aspects that the sessions covered, highlighted future trends in the Information Science.

Paper Peer Review

More than 300 papers had been submitted for consideration in IC-ININFO 2011. From them, 91 were selected for presentation, after peer review in a double blind review process. The accepted papers were presented at IC-ININFO 2011.

Thanks

We would like to thank all members that participated in any way in the IC-ININFO 2011 Conference and especially:

- The famous publishing house Emerald for its communication sponsorship.
- The co-organizing Universities and Institutes for their support and development of a high-quality Conference scientific level and profile.
- The members of the Scientific Committee that honored the Conference with their presence and provided a significant contribution to the review of papers as well as for their indications for the improvement of the Conference.
- All members of the Organizing Committee for their help, support and spirit participation before, during and after the Conference.
- The Session Organizers for their willing to organize sessions of high importance and for their editorial work, contributing in the development of valued services to the Conference.
- PhDc Marina Terzi for her excellent editorial work, contributing in the production of the Conference proceedings.

CONFERENCE DETAILS

Chairs

Georgios A. Giannakopoulos, Technological Educational Institute of Athens, Greece Damianos P. Sakas, University of Peloponnese, Greece

Co-Chairs

Daphne Kyriaki – Manesi, Technological Educational Institute of Athens, Greece Dimitrios Vlachos, University of Peloponnese, Greece

Scientific Committee

Amanda Spink, Queensland University of Technology

Andreas Bagias, European Court

Andreas Rauber, Vienna University of Technology

Astrid van Wesenbeeck, SPARC Europe

Christine Urquhart, Aberystwyth University

Christos Schizas, University of Cyprus

Christos Skourlas, Technological Educational Institute of Athens

Claire Farago, University of Colorado at Boulder

Claus-Peter Klas, FernUniversität in Hagen

Costas Vassilakis, University of Peloponnese,

Dimitris Dervos, Technological Educational Institute of Thessaloniki

Eelco Ferwerda, OAPEN

Elena Garcia Barriocanal, University of Alcalá

Emmanouel Garoufallou, Technological Educational Institute of Thessaloniki

Filippos Tsimpoglou, University of Cyprus

Fillia Makedon, University of Texas at Arlington

George Korres, University of Newcastle

Georgios Evangelidis, University of Macedonia

Georgios Panagiaris, Technological Educational Institute of Athens

Johan Oomen, Netherlands Institute for Sound and Vision

José Aldana, University of Malaga

Konstantinos Masselos, University of Peloponnese

Luciana Duranti, The University of British Columbia

Markos N. Dendrinos, Technological Institute of Athens

Milena Dobreva, University of Strathclyde

Prodromos Tsiavos, London School of Economics and Political Science

Sándor Darányi, University of Borås

Sarantos Kapidakis, Ionian University

Sirje Virkus, Tallinn University

Spiros Zervos, Technological Educational Institute of Athens

Susan Myburgh, University of South Australia

Theodoros Pitsios, University of Athens, Faculty of Medicine

Organizing Committee

Alexandros Koulouris (Chair), Technological Educational Institute of Athens

Christos Christopoulos, SCEV Scientific Events Ltd

Marina Terzi, University of the Aegean, Greece

Evangelia Markaki, Aristotle University of Thessaloniki

Assimina Kaniari, Athens School of Fine Arts Evangelia Lappa, General Hospital Attikis K.A.T. Dimitris Kouis, Greek Ministry of Education, Lifelong Learning and Religious Affairs Dionysis Kokkinos, National Technical University of Athens

KEYNOTE SPEAKER



Professor Amanda Spink

Professor Amanda Spink has published over 340 scholarly journal articles, refereed conference papers and book chapters, and 6 books. Many of her journal articles are published in the Journal of the American Society for Information Science and Technology, Information Processing and Management, and the Journal of Documentation. She is Editor of the Emerald journal Aslib Proceedings. Amanda's research has been published at many conferences including ASIST, IEEE ITCC, CAIS, Internet Computing, ACM SIGIR, and ISIC Conferences. Her recent books include Information Behavior: An Evolutionary Instinct and Web Search: Multidisciplinary Perspectives, both published by Springer. Amanda's research focuses on theoretical and empirical studies of information behavior, including the evolutionary and developmental foundations. The National Science Foundation, the American Library Association, Andrew R. Mellon Foundation, Amazon.com, Vivisimo. Com, Infospace.com, NEC, IBM, Excite.com, AlltheWeb.com, AltaVista.com, FAST, and Lockheed Martin have sponsored her research. In 2008 Professor Spink had the second highest H-index citation score in her field from 1998 to 2008 [Norris, M. (2008)]. Ranking Fellow Scholars and their H-Index: Preliminary Survey Results. Loughborough University, Dept of Information Science Report].

4th Symposium on Business and Management and Dynamic Simulation Models Supporting Management Strategies

Organizer: Dr Damianos Sakas, d.sakas(at)uop.gr

Department of Computer Science and Technology

University of Peloponnese

Description: Overall, decision making in management sciences constitutes one of the modules that is being thoroughly investigated by sciences such as Decision Making. The contribution of this symposium to the progress of science is that it attempts to transform the findings based mainly on quality research into dynamic simulation models. By striving to produce optimum solutions, a boost is given to the development of new management strategies. For each one of the essays presented in this symposium, a wealth of quality and quantitative research has been carried into effect, with the purpose to expand the cognitive knowledge basis that will permit us to arrive at conclusions for each object of regard. These findings have enabled authors to create models –by means of various simulation processors- that can imitate the modern reality of management. For the development of dynamic simulation models, the Business Administration scientists have used some of the great number of software that is available at their disposal.



DR. DAMIANOS SAKAS

Dr. Damianos Sakas is a member of the educational personnel of the University of Peloponnese. In the past, he has served in the Communications office of the Prime Minister of Greece, and he was responsible for part of the mass media-related communications policy.

He has academic background and previous experience in SA Companies, in relation to the Administration of Enterprises. He held a position in oligopoly as well as in large international companies, always as a Decision Maker. His career experience in management matters, combined with his academic background, helped him to acquire experience which he tries to transform into scientific research. His research interests are Strategic Negotiation, Business Communication, Strategic and Management, Dynamic Simulation Models, Computational Methods.

New Political Communication Practices: No Budget Events Management. The New Challenge

Evangelia N. Markaki[†], Damianios P. Sakas[‡] and Theodore Chadjipantelis[‡]

† Political Science Department, Aristotle University of Thessaloniki , Thessaloniki , 541 24, Greece markakie(at)polsci.auth.gr

‡ University of Peloponnesse. Department of Computer Science and Technology, 22100, Tripolis, Greece.

D.Sakas(at)uop.gr

‡Political Science Department, Aristotle University of Thessaloniki , Thessaloniki , 541 24, Greece chadji(at)polsci.auth.gr

Abstract: In this paper we focus on the development of politicians' fame and image connecting politics, public relations and socially directed practices with financial characteristics such as budget. We examine how socially directed practices with minimal or no budget can become a useful tool for the "advertisement" of political persons as a modern tool of political communication. In this paper we use a dynamic model of simulation through no budget event management in order to combine all these practices. Through concrete action we annihilate the economic cost and break away the advertizing campaign from companies sponsoring that so much in the past as today can influence political decisions. Our basic purpose is the effective organization of events with social orientation and social sensitivity. We aim, through the social sensitization and help, at increasing a political person's fame and popularity so that he will be supported by more voters and finally elected without and away from companies' sponsoring and interests.

Keywords: Political communication, Management, public relations, Corporate social responsibility, Budget.

I. INTRODUCTION

The way in which today the electorate shapes the personal and political preferences has changed compared with the past and given the changes in the social, economic, political and cultural context.

In this paper we investigate the formation of politicians' public perceptions and the increase of their fame connecting politics with public relations and corporate practices with financial characteristics. We consider that the socially-oriented practices of financial institutions, with little or no cost, can be a useful tool for politicians.

II. THE CONTEXT

A. Commercialization of Politics

The economist Joseph Schumpeter (Corner and Pels 2003) focused on a different common point between politics and commerce; both follow the law of market. Success in business and success in politics means to produce a "product" which the consumers want to buy. If firms, for example, negotiate the sale of oil, politicians deal votes. Both obey to the law of supply

and demand. The competition shows that the best politician wins. Politics is advertised, people are the target – group, political parties are the brands and the politicians their image.

What means ultimately being a politician? According to Schumpeter (Corner and Pels 2003) politician is someone who is asking for power and succeeds in selling the public a "product" superior to the "product" of others. This approach is based on the rejection of the idea that voters choose based on the common good.

Ideology operates more like a brand giving a general context to the political party. The voter is less motivated by the ideology than in the past. So the voter takes less into account the obligation or the habit to be loyal to one party, but focuses on the political product like the consumer (Newman 1999; Newman and Perloff 2004). So during the elections time the voter has to choose between brands. The choice of a political party or a candidate is the result of successful political marketing, attractive advertisement, attractive and charming image.

Once again, therefore the idea and practice of market are placed at the heart of the democratic process (Yannas 2002). So nowadays politics is not only connected to market rules but it is based on practices and procedures of the market (Ormrod 2005). This is directly related to what we call political marketing that works in three different directions: the product orientation, the sales orientation and the market orientation with four key dimensions: product, price, promotion and place.

On the other hand, the commercialization of politics is open to two types of reviews. Firstly there is the economic theory of democracy and the way with which we invest in media and communication strategies on purpose. There, goals and objectives are combined. The second criticism focuses on political communication as a marketing tool and politics as consumption with ideological perspective. Many academics expressed strong opposition to address the politicians as commercial brands. (Luck 1969; Newman 1994). But certainly the use of corporate technical and marketing tools have proven to be very effective on politics (Smith and Saunders 1990; Butler and Collins 1994; O'Cass 1996). Especially in the construction of the image and the development of a strategy in politics. (Kavanagh 1995; Kotler and Kotler, 1999; Schweiger and Adami

1999). In that way many important issues relating to managing and shaping the public image of politicians raise: trust, values and competitive advantage play the important role (Aaker 1991). An easy example: during the 1997 elections, the youthful and full of energy image of Tony Blair was a clear electoral advantage. Because of the fact that politics is different from other products and business services, no cost events shape the image of politicians and political parties far more than in businesses.

The image is therefore affected by what kind of contacted information we give out and how (King 1991). Of course this involves simultaneous promotion, sales, advertising and public relations (Jobber 2001). All these practices have as target to pass through information. The management and the behavioural evolution of that information is a crucial part of political communication methodology. This is not only information production but also influence via a long-lasting evolution process. That is why we have to see information management and behaviour too close interrelated with information production as presented by Spink and Cole (2007,2006).

B. Politics, Public Relations and Formation of Public Opinion

Nowadays, political and public relations have been directly connected and focus on their basic function to connect and match the orientation of an organization or a person with a social connotation and sense (Cutlip, Center and Broom 2000). The formation of fame and the increase of recognition, as part of public relations, cannot be disconnected from the concept of public opinion that is directly connected with politics.

Especially for no budget events is obvious that the combination of these factors and the creation of such relations and contacts improve access to people and places. These accesses could help to create events with no cost and have them exploited by the politicians in order to extend their reputation for their advantage.

The formation of fame and the increase of recognition, as part of public relations, cannot be disconnected from the concept of public opinion that is directly connected with politics.

Public opinion plays an important role in politics, framing the relationship between government, public opinion and electoral behavior. The public provides the necessary tools in order to measure political opinions on important issues such as to explore the role of specific social groups, to organize the government policy and propaganda.

The formation of public opinion several times was triggered by the existence of an event named trigger event but known as pseudo-events. Their target is to attract attention and provoke the diffusion of specific information trough interpersonal contact or media. The survey of Wilcox et al. (2007) gave great emphasis on these events taking place during the formation of public opinion reaching the following conclusions:

- The opinion is particularly sensitive to events that affect the general public or a specific part of the public.
- Typically, the public does not anticipate events. Only react to them.
- The facts are the impetus for the formation of public opinion.

The image on the candidate is based on these three points. We investigate how we can use the characteristics in order to attract the attention and the interest of public opinion to certain political figures. Through charitable events with no or low cost a politician could be a point of reference for the development of their political advertisement, the consolidation of their political personality and finally their political election.

C. Formation of Public Imagery – the fame

The concept of reputation is an element of the modern society associated with social references from the past (Kurzman and al. 2007). The public image according to Burstyn (Mayer 2000) is a contrived, artificial product. A person is presented as a sum of properties that in the moral context of a community seem particularly valuable. It is also a set of characteristics relating to the candidate as personality, as politician, as active person. All the images perceived by the citizen from the activity of politicians they largely determine their political image. The image and reputation of the politician is a key choice element for the 45% of the voters (Kyriakakis 2000). Biocca (1991) showed that the electorate focuses firstly on the image to form his opinion about candidates. So we understand that the image of a politician is something broader. The philosophy of no budget stories for political events, which negotiates this project, aims to support the image of the politicians and develop it for their advantage.

The fame of a person includes a set of a wide range of information, connections and social values. The fame has three main features: one related to rational thought, it is a social characteristic and connected with institutions, associations, feelings and social values. The fame plays an important role in politics because it is both commitment and implementation and also partnership with social and political tie. Therefore, the image or fame of a politician should:

- offer something unique and differentiated from their rivals
- build a strong brand name
- have values and rules
- be based on trust.

For the configuration of political preferences it is very important for the 70,2% of citizens a politician to be a good citizen ready to offer for the public good. (Political attitudes and perceptions in early adolescence. Political socialization in the context of Greek political culture 1987).

The concept of fame was connected with the political psychology, the social theory of personality and the political marketing. Politicians participate on processes of social interaction which aim to increase their reputation and fame (Elliott 1998).

The truth is that the traditional practices for the development and the evolution of a politicians' fame have lost their hegemony. They give their position in more socially-oriented and interactive practices, as there are various events organized for this purpose. It is also important to mention that the time for the realization of these events it is not only a pre- election period but an overall activity (Lilleker and Darren G. 2005). The practice showed that events can significantly influence the political image of a candidate. But, it is not always easy to prove that these events can completely change the image of some politician to the public (Smith and Gareth 2001).

D. Politics and Corporate Socially- oriented Practices

As we have already mentioned, politics are for years included in an operating system where a politician or a party operate as organization with several business and financial characteristics. The socially-oriented practices and social responsibility is a key area for institutions. Through corporate social responsibility an organization undertakes voluntary commitments beyond common regulatory and contractual requirements. Therefore it puts at the center of his growth higher standards of social development, environmental protection and respect for fundamental rights. The aim of the whole effort is a total quality approach and sustainability through the development of new connections and fields of action. The action of social responsibility promotes the social dialogue, and is related to change management protecting at the same time the social cohesion. Social responsibility does not substitute or replace any legal regulatory framework, but support, cooperate and work with it in parallel.

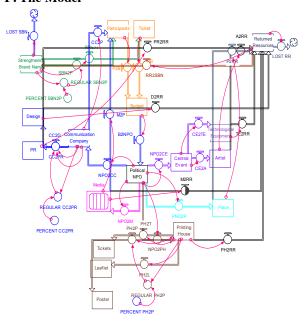
These guidelines are an important parameter and a key strategy to achieve specific objectives such as progress, growth, increased recognition and reputation. The current political reality, as it is configured today, is related with numerous scandals connected with economic interests, which then affect the politicians' decisions. The recent scandals, such as the scandals in Greece, with the involvement of huge multinational companies in the financing of political figures and parties, which had as aim favorable political decisions for them, make necessary actions such as no budget stories for political events.

E. Problematic

As we see the image and the fame of politicians is a set of many different factors and practices. It combines political action and thought with rules and practices of marketing, social action and a framework for building the reputation and the public image.

Our research will try to combine all these data into a specific action. We want to eliminate the financial costs and disconnect the political campaign from business sponsorships that in the past and nowadays can influence political decisions. It is therefore our basic research assumption how the effective events' organization with social orientation and social sensitivity can lead to that aim. We aim through social awareness and charity events to develop a politician's fame and popularity. Thus politician will be supported by more voters and eventually he will be elected without the till now necessary support from "business" interests.

F. The Model



The present dynamic simulation model (Konstantopoulos et al. 2007) works as follows:

- We choose as action with social offer: the organization of a concert. The proceeds of the concert will go to a charitable non-governmental organization.
- In our research model, the politician is responsible, through the action of a group of supporters, to contact and build bridges of cooperation with the central person of the event. That person will attract as much as possible the public to come to the event.
- The main character of the event, in this case the artist that should be convinced to participate in the event selflessly given the social nature of the event trough which his own fame will also be developed. This is in fact a negotiation win to win.
- The event, in order to take place, requires technical support, equipment and extra human

resources. These costs are covered by the tickets sold to the public who will assist at the concert. This is a form of indirect payment.

- This indirect payment is crucial and should not show in a clear way exactly how the money is managed. The "clear" indirect payment, through tickets, can destroy the philosophy of the no budget event. So if, for example, the chosen concert venue is a courtyard of a school rather than another private space, it is evident to the public that the money is directed to the organizers of the event.
- The event highlights the nature of social responsibility, which is presented as a result of awareness from the political person.
- Before the event, the advertisement is essential in order to gain publicity and attract the public. This advertising campaign is undertaken by a communication services company. Here, the role of the media and all promotions practices are of prime importance.
- During the event the candidate is able to project himself through this initiative to demonstrate his social sensitiveness, his 'political' work and personality.
- After the event the advertising campaign continues: publications, press releases, press conference are some of the subsequent promotions to develop the reputation and recognition of the political personnality.
- The completion and success of the event has attracted voters. Voters have become shareholders of an action of social responsibility which increases the availability for support to the political person.

III. CONCLUSION - DISCUSSION

As we see the no budget event management for political persons combines different practices from marketing and communication to fame and budget management. We demonstrate all the necessary elements of the simulation model and for future research our challenge is to complete it taking into account as many as possible contextual or societal characteristics.

REFERENCES

- Antony Elliot Remembering Lennon "Political Psychology, Celebrity and Political Psychology", Vol. 19, No.4, pp.833-852 (1998).
- Biocca F., "Television and political advertising, Psychological Processes," Lawrence Erlbaum Associates Publishers, Vol. 1(1991).

- Butler, P. and Collins, N. "Political marketing: Structure and process," European Journal of Marketing, Vol. 28, No. 1, pp. 19-34 (1994).
- Kurzman C., Anderson C., Clinton K., Youn Ok Lee, Moloney M., Silver A., Maria W. Van Ryn, "Celebrity Status," Source: Sociological Theory, Vol. 25, No. 4, pp. 347-367 (2007).
- Corner J. and Pels D., "Media and restyling of politics," Sage Publications (2003)
- Cutlip, S. M., Center, A. H., & Broom, G. M.. "Effective public relations," Upper Saddle River, NJ: Prentice Hal (2000).
- Jobber, D., "Principles & Practice of Marketing", McGraw-Hill International (UK) Limited, New York, NY (2001).
- <u>Kavanagh</u>, D., <u>Election Campaigning: the New Marketing of Politics</u>, Oxford, Blackwell (1995).
- King, S., Brand Building in the 1990's, Journal of Marketing Management, Vol. 7, No.1, pp. 3-14 (1991).
- Konstantopoulos N., Bekiaris M., Zounta S. "A

 Dynamic Simulation Model of the Management
 Accounting Information Systems (MAIS)", in T. E.

 Simos and G. Maroulis (Eds) Computational
 Methods in Science and Engineering, Vol. 5, New
 York, AIP Publications, pp. 1090-1093 (2007)
- Kotler, P. and Kotler, N., Generating effective candidates, campaigns, and causes. In: Handbook of Political Marketing, (Ed) Newman, B., Thousand Oaks, Sage, pp.3-19 (1999).
- Kuriakakis V., "Political marketing. Innocence is not here anymore" edition: Kampuli (in Greek) (2000).
- <u>Lilleker, Darren G "Local Campaign Management:</u>

 Winning Votes or Wasting Resources?", Journal of

 Marketing Management, 21: 9, 979 1003

 (2005).
- Luck, D.J., Broadening the concept of marketing too far, Journal of Marketing, Vol. 33, No. 7, pp. 53-63(1969).
- Newman, B.I., "The Marketing of a President: Political marketing as campaign strategy," Sage, Thousand Oaks, New Jersey (1994).
- Newman B.. "The Mass Marketing of Politics:

 Democracy in an Age of Manufactured Images,"

 Thousand Oaks, California: Sage Publications (1999).
- Newman B. and Perloff R.. "Political Marketing:

 Theory, Research, and Applications," In L. L. Kaid

 (ed.). Handbook of Political Communication

 Research. Mahwah, New Jersey: Lawrence

 Erlbaum Associates, Publishers: 17-43 (2004).
- O'Cass, A., "Political marketing and the marketing concept," European Journal of Marketing, Vol. 30, No. 10, pp. 37-53 (1996).
- Ormrod R.P., "A Conceptual Model of Political Market
 Orientation," Journal of Nonprofit & Public Sector
 Marketing, Vol. 14, Issue 1 & 2, pp. 47 64
 (2005).

- Schweiger G., and Adami M., "The non-verbal image of politicians and political parties," In: Handbook of Political Marketing, (Ed) Newman, B., Sage, Thousand Oaks. pp. 347-364 (1999).
- Smith G., "The 2001 General Election: Factors
 Influencing the Brand Image of Political Parties
 and their Leaders," Journal of Marketing
 Management, 17: 9, 989 -1006 (2001).
- Smith, G. and Saunders, J., "The application of marketing to British politics," Journal of Marketing Management, Vol. 5, No. 3, pp. 295-306 (1990).
- Spink A., and Cole C., "Information behavior: A sociocognitive ability," Evolutionary Psychology, Vol. 5 No, 2, pp. 257-274 (2007)
- Spink A., and Cole C., "Human information behavior: t integrating diverse approaches and information use," Journal of the American society for information science and technology Vol. 57 No.1, pp 25-35 (2006)
- Wilcox D, Cameron, Xifra J., "Relaciones públicas: estrategias y tácticas", "Public Relations: Strategies and Tactics," Madrid, España: Pearson: Addison-Wesley, (2007, c2007).
- Yannas, P., "The Role of Image-Makers in the Greek Political Scene", Journal of Political Marketing, Vol. 1 (1): 67-89 (2002).
- Mayer T., "Politics as theater", Kastaniotis publications (in Greek) (2000).
- "Political attitudes and perceptions at the beginning of the adolescence. Political socialization in the context of the greek political culture," Gutenberg Publishing (in Greek) (1987). – personal collection