Digital and Social Transformation for a Better Society

MAIN CONFERENCE PROGRAM

FRIDAY 28 SEPTEMBER 2018	
10.00-11.00	Registration to Doctoral and Junior Faculty Consortium (Aretaios Building)
11.00-18.30	Doctoral and Junior Faculty Consortium (Aretaios Building)
18.30-19.30	Registration to the conference (Ionian Academy)
19.30-21.00	**Welcome Reception (Ionian Academy)**

SATURDAY 29 SEPTEMBER 2018				
08.00-09.00	Registration to the conference			
09.00-09.30	Welcome presentation by conference organizers			
09.30-10.30	Keynote Speech: Paul A. Pavlou - *"Digital Business Strategy: Leveraging Emerging Technologies"*			
10.30-11.00	Coffee Break			
11.00-13.00	**Session A1** **(Room 1)**	**Session B1** **(Room 2)**	**Session C1** **(Room 3)**	**Session D1** **(Room 4)**
	Digital Markets - 1	*Security and Privacy - 1*	*Blockchain Applications*	*Inter-organizational Systems and Digital Transformation*
	Chair: Panos Markopoulos	Chair: Aggeliki Tsohou	Chair: Efpraxia Zamani	Chair: Andreja Pucihar
	5 (Research Paper) *(Nominated for best-paper award)* IT Ambidexterity Configurations for Competitive Performance: An Exploratory Study of the Digital Ecodynamics of Small and Medium-Sized Enterprises Ana Ortiz de Guinea and Louis Raymond	34 (Research Paper) Evaluating a Reference Architecture for Privacy Level Agreements Management Vasiliki Diamantopoulou and Haralambos Mouratidis	18 (Research Paper) Enabling the V2X Economy Revolution Using a Blockchain-Based Value Transaction Layer for Vehicular Ad-Hoc Networks Benjamin Leiding and William V. Vorobev	43 (Research Paper) Managing Organizational Resources as Platform Boundary Resources Amir Mohagheghzadeh, Juho Lindman, and Jenifer Horkoff

	Session A1 (Room 1)	Session B1 (Room 2)	Session C1 (Room 3)	Session D1 (Room 4)
	Digital Markets - 1	*Security and Privacy - 1*	*Blockchain Applications*	*Inter-organizational Systems and Digital Transformation*
	29 (Research Paper) *(Nominated for best-paper award)* Ideal Types of Online Shoppers – A Qualitative Analysis of Online Shopping Behavior Eeva Kettunen, Tiina Kemppainen, Matias Lievonen, Markus Makkonen, Lauri Frank, and Tuomas Kari	50 (Research Paper) Information Security Practices in Organizations: A Literature Review on Challenges and Related Measures Ole Reidar Holm, Frode Mathias Bekkevik, Polyxeni Vassilakopoulou, and Eli Hustad	48 (Research Paper) Trust, Privacy and Transparency With BlockChain Technology In Logistics Asif Akram and Philipp Bross	7 (Research Paper) Applying the Decision Model and Notation in Practice: A Method to Design and Specify Business Decisions and Business Logic Koen Smit and Martijn Zoet
	26 (Research-in-progress Paper) Lifecycle of Social Fundraising Campaigns Khushboo Agrawal, Adrija Majumdar, and Uttam Kumar Sarkar	72 (Research-in-progress Paper) Towards user profiling in cybersecurity education and training Stylianos Karagiannis and Emmanouil Magkos	28 (Research-In-Progress Paper) Blockchains and Data Management: Current Landscape and Challenges Elias Iosif and Soulla Louca	85 (Research-in-progress Paper) Egypt Post: From a legacy platform to a digitally-driven organization Sherif Kamel and Amr Badr Eldin
	11 (Research-in-Progress Paper) Investigating Customer Acceptance of GPS-Enabled Location-Based Mobile Advertising Munjeet Mehmi, Farhana Sajjad, and Maged Ali	30 (Research-in-progress Paper) User Expectations, Use Experiences and Continued Adoption of a Mobile Secure Communication Application Tuomas Kari, Markus Makkonen, Lauri Frank and Eeva Kettunen	64 (Research-in-Progress Paper) Blockchain Technology Adoption: Are We There Yet? Theophanis Stratopoulos	27 (Research-in-Progress Paper) Rethinking Change Management: A Modified Framework for IS Implementation Rikke Bundgaard, Kamilla Stougaard, and Lise Tordrup Heeager
	51 (Research-in-progress Paper) Will Advances in Information Technology Change the Law of E-Commerce Taxation within the United States Burke Ward and Janice Sipior		25 (Research-in-Progress Paper) Cryptocurrency Data Analysis: Towards a Hedging Strategy Svetlana Sapuric, Angelika Kokkinaki and Ifigenia Georgiou	
13.00-14.00	Lunch Break			

14.00-15.30	Session A2 (Room 1)	Session B2 (Room 2)	Session C2 (Room 3)	Session D2 (Room 4)
	IS Education - 1	*Health Information Systems and Bioinformatics*	*New Directions for Digital Governance: Towards Government 3.0 – 1*	*Internet of Things*
	Chair: Pantelis Papadopoulos	Chair: Themis Exarchos	Chair: Yiannis Charalampidis	Chair: Cleopatra Bardaki
	45 (Research Paper) Assess and Promote Students' Group Cohesion in Larger Sized Classrooms Michael Kallookaran and Susanne Robra-Bissantz	58 (Research Paper) The Effect of Self-Management Systems on Coping With Stress and Anxiety in Chronic Patients Azadeh Savoli and Henri Barki	42 (Research Paper) The Civil Society as an Innovation Partner in Public Policy Making: Co-creating the Greek National Action Plan on Open Government Athanasia Routzouni and Stefanos Gritzalis	44 (Research Paper) Data Storage in Internet Of Things: A Proposed Distributed Model Kostas Kolomvatsos, Peggy Papadopoulou, and Stathes Hadjiefthymiades
	40 (Research-in-progress Paper) Building a Digital Skills Framework: A Bottom-Up Approach George Barboutidis, Emmanouil Stiakakis, and Maria Vlachopoulou	60 (Research Paper) Enterprise Architects' Logics Across Organizational Levels: A Case Study in the Norwegian Hospital Sector Anne Kristin Ajer, Eli Hustad, and Polyxeni Vassilakopoulou	79 (Research Paper) Enabling Practices for Information Systems Adoption in the Complex Context of Greek e-Government Nikos Vasilakis, Nancy Pouloudi, Diomidis Spinellis and Niki Tsouma	59 (Research Paper) Remote Elderly Monitoring Systems on a Human-Centric Perspective Christos Kotronis, Elena Politi, Ioannis Routis, Mara Nikolaidou, George Dimitrakopoulos, and Dimosthenis Anagnostopoulos
	52 (Research-in-progress Paper) Bias in Grading of an IS-Subject Bjarne Rerup Schlichter and Steen Andersen	63 (Research-in-Progress Paper) Mobile Apps Augment Health Beyond Physical Possibilities Marzia Ventura, Rocco Reina, Concetta Lucia Cristofaro, and Walter Vesperi	41 (Research-in-Progress Paper) Nudging to Participate - Exploring Digital Content Presentation to Enhance Participation Felix Becker and Susanne Robra-Bissantz	19 (Research-in-Progress Paper) Urbansoup – Federated Social Networks of Neighborhoods Nikola Serbedzija
	61 (Research-in-progress Paper) Peer Feedback: Blinded or Not? A Case Study from a University Teacher Training Course Pantelis Papadopoulos, Ole Eggers Bjælde, Annika Büchert Lindberg, and Nikolaus Obwegeser	77 (Research-in-Progress Paper) Healthcare Information Systems Implementation: Social and Organisational Dimensions Efpraxia Zamani and Evangelos Stamatiadis	74 (Research-in-progress Paper) Identifying the Different Generations of E-government: An Analysis Framework Zoi Lachana, Charalampos Alexopoulos, Euripidis Loukis, and Yannis Charalabidis	76 (Research-in-Progress Paper) Investigating the Role of Physiological Signals in Emotion-Based Recommender Systems Ioannis Dimitriou, Marianna Skiada, Sofia Gkika, and George Lekakos
15.30-16.00	Coffee Break			

16.00-17.30	Session A3 (Room 1)	Session B3 (Room 2)	Session C3 (Room 3)	Session D3 (Room 4)
	IS Education - 2	*Adoption and Usage Patterns of IS (Papers from General Track)*	*Improving Lives with IT*	*Inter-organizational Systems and Digital Transformation – 2*
	Chair: Bjarne Rerup Schlichter	Chair: Phivos Mylonas	Chair: Abayomi Baiyere	Chair: Angeliki Poulymenakou
	17 (Research-in-Progress Paper) A Systematic Review on Acceptance of Mobile Learning Duygu Fındık-Coşkunçay and Nurcan Alkış	13 (Research Paper) *(Nominated for best-paper award)* Paradoxes of Visibility in Activism: The Interplay of Online Power Dynamics between Activists and the State in the Egyptian Revolution Evronia Azer, Yingqin Zheng, and G. Harindranath	38 (Research Paper) Co-evolutionary IS-alignment: A Complex Adaptive Systems Perspective Pien Walraven, Rogier van de Wetering, Remko Helms, Johan Versendaal, and Marjolein Caniëls	9 (Research Paper) Digital Transformation: Drivers, Success Factors, and Implications Karen Osmundsen, Jon Iden, and Bendik Bygstad
	36 (Research-In-Progress Paper) Common Errors of Novice in Entity Relation-Ship Diagram Design and Transformation Rami Rashkovits	47 (Research-in-Progress Paper) A Happy Smiley Sounds Good: Music Recommendation Based on Emotions Michael Meyer, Patrick Helmholz, and Susanne Robra-Bissantz	31 (Research Paper) Digital Coaching and Athlete's Self-Efficacy – A Quantitative Study on Sport and Wellness Technology Eeva Kettunen, Tuomas Kari, Markus Makkonen and Will Critchley	14 (Research Paper) Synthesis of Business Motivation Model (BMM) and Archimate: Towards a New Modelling Technique for Strategic Alignment of Business and IT Prithvi Bhattacharya
	78 (Research-In-Progress Paper) CLOUDLEDGE: A Prototype Educational System for Tourism Dimitra Pappa, Constantinos Manolitsis, Constantin Makropoulos, and Vassilis Pitsilis	15 (Research Paper) *(Nominated for best-paper award)* A short survey on modern virtual environments that utilize AI and synthetic data Michalis Korakakis, Phivos Mylonas, and Evaggelos Spyrou	35 (Research-in-Progress Paper) ICT for Improving the Quality Of Life for Women in the Sultant of Oman Suad Al-Uraimi	46 (Research Paper) Gamification at Work: Employee Motivations to Participate and Preferences for Energy Conservation Dimosthenis Kotsopoulos, Cleopatra Bardaki, Thanasis Papaioannou, Stavros Lounis. and Katerina Pramatari
19.30	**Conference Dinner and Best Paper Award Ceremony**			

SUNDAY 30 SEPTEMBER 2018				
10.00-11.30	**Session A4 (Room 1)**	**Session B4 (Room 2)**	**Session C4 (Room 3)**	**Workshop (Room 4)**
	Information Retrieval and Artificial Intelligence	*Big Data and Business Analytics Ecosystems*	*Inter-organizational Systems and Digital Transformation – 3*	*Energy Data Analytics for Green and Sustainable Society*
	Chair: Nikos Karacapilidis	Chair: George Lekakos	Chair: Ariana Polyviou	Participation by invitation only
	24 (Research Paper) LeSiM: A Novel Lexical Similarity Measure Technique for Multimedia Information Retrieval Ioannis Karydis, Andreas Kanavos, Spyros Sioutas, Markos Avlonitis, and Nikos Karacapilidis	6 (Research Paper) Continuous Auditing: A Practical Maturity Model Eric Mantelaers and Martijn Zoet	56 (Research Paper) Analysing Change Resistance to an Information System-Supported Process in a South African Public Hospital Matilda Foli, Peter Weimann, and Edda Weimann	
	23 (Research Paper) Analyzing Sentiments from Social Media : The Case of Financial Markets Tianyou Hu, Ananth Srinivasan, and Arvind Tripathi	53 (Research Paper) Drivers of Business Intelligence-Based Value Creation: The Experts' View Marilex Rea Llave and Dag H. Olsen	83 (Research Paper) *(Nominated for best-paper award)* Agility of Business Processes – Lessons From a Digital Transformation Context Abayomi Baiyere, Hannu Salmela, and Tommi Tapanainen	
	75 (Research-in-Progress Paper) EU-Wide Legal Text Mining Using Big Data Processing Infrastructures Michalis Avgerinos Loutsaris, Aggeliki Androutsopoulou, and Yannis Charalabidis	39 (Research Paper) Using the Twitter Platform as a Research Method in the Information and Social Media Age Alanawd Alshehri and Robert M. O'Keefe	62 (Research-in-Progress Paper) In Search of a Methodological Framework for User-Oriented Data-Driven Information Systems Modelling Tea Mijač, Mario Jadric. and Maja Cukusic	
		70 (Research Paper) Profiling in the Age Of Big Data: Identifying Privacy Implications for Individuals, Groups and Society Paola Mavriki and Maria Karyda		
11.30-12.00	Coffee Break			
12.00-13.00	Liaising IS Development Projects with IS Research: Aggeliki Tsohou - «DEFeND: Data Governance for Supporting GDPR» - HORIZON 2020			

13.00-14.00	Lunch Break		
14.00-15.30	**Session A5 (Room 1)**	**Session B5 (Room 2)**	**Session C5 (Room 3)**
	New Directions for Digital Governance: Towards Government 3.0 - 2	*Security and Privacy - 2*	*Digital Markets - 2*
	Chair: Charalampos Alexopoulos	Chair: Vasiliki Diamantopoulou	Chair: Tuomas Kari
	67 (Research Paper) A Methodology For Economic Crisis Policy Analytics Euripidis Loukis, Spyros Arvanitis, and Charalampos Alexopoulos	69 (Research Paper) An evaluation framework for Privacy Impact Assessment methods Konstantina Vemou and Maria Karyda	54 (Research Paper) Identifying the Sales Patterns of Online Stores with Self-Organising Maps on Time Series Data Markus Makkonen and Lauri Frank
	55 (Research Paper) "Peri Nomou" System: Automated Codification and Interrelation of Legal Elements Based on Text Mining Zoi Lachana, Michalis Avgerinos Loutsaris, Charalampos Alexopoulos, and Yannis Charalabidis	71 (Research Paper) Appaware: A Model for Privacy Policy Visualization for Mobile Applications Ioannis Paspatis, Aggeliki Tsohou, and Spyros Kokolakis	12 (Research-in-Progress Paper) Opportunities Through Digital Transformation: Customer Experience Olga Pachni-Tsitiridou, Konstantinos Fouskas, and Vasiliki Manthou
	22 (Research-in-progress Paper) Early Warning Systems in a Digitalisation Era: Key Characteristics and Directions for Future Research Henriette Nygård, Monika Lundh Broen, Eli Hustad, and Polyxeni Vassilakopoulou	49 (Research-in-Progress Paper) Compliance with Information Security Policy: Applying the Three-Component Model of Employee Commitment Janice Sipior	57 (Research-in-Progress Paper) Antecedents of Negative Online Customer Experience: What Irritates Online Shoppers? Tiina Kemppainen
15.30-16.00	Closing Ceremony		