

# Conference Programme

## HAICTA 2017

**8<sup>th</sup> International Conference**  
**on Information and Communication Technologies**  
**in Agriculture, Food and Environment**

**21-24 September 2017, Chania (Crete Island), Greece**



Co-Organized by:

**Hellenic Association for Information and Communication Technologies  
in Agriculture, Food and Environment (HAICTA)**

**Mediterranean Agronomic Institute of Chania (MAICh)**

**University of Macedonia, Thessaloniki, Greece**

In cooperation with:

**Aristotle University of Thessaloniki, Greece**

**Technical University of Crete, Greece**

**Agricultural University of Athens, Greece**

**Technological Educational Institute of Western Macedonia, Greece**

**Alexander Technological Educational Institute of Thessaloniki, Greece**

**Technological Educational Institute of Crete**

**Institute for Research and Technology, Thessaly (I.RE.TE.TH.)**

**Region of Crete**

<b>HAICTA 2017</b>	
<b>Programme Overview</b>	
<b>8th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2017) September 21-24, Chania (Crete Island), Greece</b>	
<b>Thursday 21 September</b>	
12:00-17:00	<b>HAICTA 2017 Registration</b>
15:00-16:30	<b>Tutorial on Open Data (Pythagoras Room): Dr. Christopher Brewster</b> Chairs: Michail Salampasis & George Tegos
16:30-17:00	<b>Coffee Break</b>
17:00-19:30	<b>Doctoral Consortium (Pythagoras Room)</b> Chairs: Thomas Bournaris & Spiros Kritas
	“Epidemiological Investigation of Pseudorabies in Greece” <b>Authors:</b> Konstantinos Papageorgiou, Evanthia Petridou, George Filioussis, Alexandros Theodoridis, Ioannis Grivas, Odysseas Moshidis and Spiros Kritas
	“Utilisation of Internet of Things to Improve Resource Efficiency of Food Supply Chains” <b>Authors:</b> Sandeep Jagtap and Shahin Rahimifard
	“First report of Toxoplasma gondii in the woodcock (Scopolax rusticola): preliminary results” <b>Authors:</b> Konstantinos Moustakidis, Vangelis Economou, Chrysostomos Davas, Isaia Symeonidou, Elias Papadopoulos and Margarita Papazahariadou
	“Cyanobacterial harmful algal bloom in the Delta of Axios river in the Northern Greece: Impacts and monitoring” <b>Authors:</b> Maria Kalaitzidou, George Filioussis, Evanthia Petridou, Vangelis Economou, Alexandros Theodoridis & Panagiotis Angelidis
	“Collective Awareness Platforms for Sustainable Agricultural Production” <b>Authors:</b> Thomas Kappas, Thomas Bournaris, Evangelia Oikonomou and Christina Moulogianni
	“Precision Poultry Farming: Monitor and Collaborate on Health and Welfare of Laying Hens through Online Zootechnical Diary” <b>Author:</b> Magdalena Stefanova
“e-Gov: Recent Advances in Life Sciences & EE’s Project Proposals (Medical, Animal, Plant, Food Sciences and Environmental Protection)” <b>Authors:</b> A. B. Sideridis, E. Pimenidis, K. Costopoulou, C. P. Yialouris, J. Savvas, M. Maliappis, M. Ntaliani, S. Karetsos, S. Tsiafoulis, L. Protopappas, A. Chatziandreu	
20:30	<b>Welcome Cocktail</b>
<b>Friday 22 September</b>	
08:00-08:30	<b>HAICTA 2017 Registration</b>
08:30-09:00	<b>Official Conference Opening (Aristotle Room)</b>
09:00-09:45	<b>Invited Talk A (Aristotle Room)</b> ICT Innovations and Smart Farming: Dr. Claus AageGrønSørensen
09:45-10:15	<b>Coffee Break</b>
10:15-11:45	<b>Session 1 (Pythagoras Room)</b> E-networking, Collective Actions and E-governance in Rural Areas Chairs: Alexander Sideridis & Christopher Brewster
	“The contribution of Smart Cross-Border e-Gov Systems to Life Sciences and their applications” <b>Authors:</b> Alexander Sideridis, Loucas Protopappas and Elias Pimenidis
	“Agroforestry usage, building Knowledge Databank for Agroforestry training and education” <b>Authors:</b> László Várallyai, Miklós Herdon, Charles Burriel and Szilvia Botos
	“Review on the Trends and Challenges of Cloud Computing Technology in Climate - Smart Agriculture” <b>Authors:</b> Eleni Symeonaki, Konstantinos Arvanitis and Dimitrios Piromalis
	“The marketplaces and the integration between physic and virtual in the business models of fresh produce and vegetables e-commerce” <b>Authors:</b> Luisa Sturiale and Alessandro Scuderi
	“OLEA Framework for non-refined olive oil traceability and quality assurance” <b>Authors:</b> Stavros Valsamidis, Dimitra Papaefthimiou, Antonios Ventouris, Irene-Maria Tabakis, Ioannis Kazanidis and Sotirios Kontogiannis
“Determinants of ICT Innovation and Imitation in the Agrifood Sector” <b>Authors:</b> Nikolaos Petridis, Georgios Digkas and Leonidas Anastasakis	
“SOFTROL advisory system for agri-energy complexes” <b>Authors:</b> Paweł Pietkiewicz, Krzysztof Nalepa, Wojciech Miąskowski, Maciej Neugebauer and Piotr Sołowiej	
“Machine learning based computational analysis method for cattle lameness prediction” <b>Authors:</b> Konstantinos Liakos, Serafeim Moustakidis, Georgia Tsiotra, Thomas Bartzanas, Dionysis Bochtis and Constantinos Parisses	
“Food sustainability and crowd-funding: the role of Internet” <b>Authors:</b> Rosa Misso and Gian Paolo Cesaretti	

11:45-13:15	<p align="center"><b>Session 3 (Pythagoras Room)</b>  <b>Precision Farming Systems and Variable Rate Technologies</b>  <b>Chairs: Dionysis Bochtis &amp; Pavel Simek</b></p>	<p align="center"><b>Session 4 (Socrates Room)</b>  <b>Innovative Uses of Agricultural By-products and Waste Management</b>  <b>Chairs: Constantinos Parisses &amp; Stergios Tzortzios</b></p>
	<p>“An empirical model to estimate nutrients concentration in controlled release fertilizers aqueous solutions”  <b>Authors: Maria Zografou and Christos Lykas</b></p>	<p>“Processing digestate from agricultural biogas plant to obtain financial and environmental benefits”  <b>Author: WojciechCzekala</b></p>
	<p>“LEOPatra: A Mobile Application for Smart Fertilization Based on Linked Data”  <b>Authors: Stefan Burgstaller, Wolfgang Angermair, SilkeMigdall, Heike Bach, Ioannis Vlachopoulos, Dimitrios Savva, Panayiotis Smeros, George Stamoulis, Konstantina Bereta and Manolis Koubarakis</b></p>	<p>“Relevant biogas substrate – maize silage vs slaughterhouse waste”  <b>Authors: Anna Smurzyńska, Jacek Dach, KamilKozłowski, Jakub Mazurkiewicz, EwaWoźniak, Boniecki Piotr, Karol Kupryniuk, Damian Janczak and MichałBrzoski</b></p>
	<p>“Predicting operational and environmental efficiency of primary sectors of EU countries, by implementing Artificial Neural Networks”  <b>Author: George Vlontzos</b></p>	<p>“Business Strategies and Competitive Advantage through Green Entrepreneurship and Sustainable Environmental Management”  <b>Authors: Michalis Skordoulis, Spyros Galatsidas and Garyfallos Arabatzis</b></p>
	<p>“Scheduling and Control of Unmanned Ground Vehicles for Precision Farming: A Real-time Navigation Tool”  <b>Authors: Dimitrios Bechtsis, Vasileios Moisiadis, Naoum Tsolakis, Dimitrios Vlachos and Dionysis Bochtis</b></p>	<p>“Are the mosquito and vector control programs economic effective? The case of the Region of Eastern Macedonia and Thrace in Greece”  <b>Authors: Lambros Tsourgiannis, Kyriaki Daskalopoulou, Despoina Chatzipanagiotou and Andreas Nearchou</b></p>
13:15-14:45	<b>Lunch</b>	
14:45-16:00	<p align="center"><b>Short Papers Session (Pythagoras Room)</b>  <b>Short Paper Presentations</b>  <b>Chairs: Nikos Petrelis &amp; George Vlontzos</b></p>	<p align="center"><b>Short Papers Session (Socrates Room)</b>  <b>Short Paper Presentations</b>  <b>Chairs: Miltiadis Chalikias &amp; Athanasios Vazakidis</b></p>
	<p>“Estimation and Analysis of Fish Catches by Category Based on Multidimensional Time Series Database on Sea Fishery in Greece”  <b>Authors: Georgios Tegos, KolyoOnkov and Diana Stoyanova</b></p>	<p>“Technical and Economic Analysis for the bioenergy production from agricultural residues in the region of Central Macedonia”  <b>Authors: Christina Moulgianni, Thomas Bournaris, Georgios Banias</b></p>
	<p>“Lab-on-a-chip device for soil nutrient measurements”  <b>Authors: Georgios Kokkinis, Guenther Kriechhammer, Daniel Scheidl and Martin Smolka</b></p>	<p>“Supplier selection and evaluation using multicriteria decision analysis”  <b>Authors: Efstratios Kartsonakis, Evangelos Grigoroudis and Michalis Neofytou</b></p>
	<p>“Evaluation of Farmer's E-shops”  <b>Authors: VladimírOčenášek, Jan Masner, JiříVaněk, Edita Šilerová, Jan Pavlík</b></p>	<p>“ICT Solution of Soil and Landscape Suffers from Uncontrolled Urban Sprawl in the Central Bohemia”  <b>Authors: Iveta Merunková and Vojtěch Merunka</b></p>
	<p>“Precision Modelling of Distributed Greenhouse Climate”  <b>Authors: Thomas Bartzanas, Dimitris Fidaros and Catherine Baxevanou</b></p>	<p>“A Statistical Investigation of Earthquakes in Greece and the Effect of the Lunar Triggering”  <b>Authors: Stavros Fatouros, EvangeliaKossieri, Miltiadis Chalikias and Perikles Papadopoulos</b></p>
	<p>“Automated monitoring of Olive Orchards”  <b>Authors: Ilyas Potamitis and Iraklis Rigakis</b></p>	<p>“Forecasting of Global New Investment in Renewable Energy”  <b>Authors: Oleksandr Chernyak, Yevgen Chernyak and Yana Fareniuk</b></p>
	<p>“Improvement of agricultural productivity with the use of advanced ICT tools”  <b>Authors: Dionysis Bochtis, Charisios Achilles, Dimitris Aidonis, Stelios Tamvakidis and G. Vasileiadis</b></p>	<p>“Environmental assessment of precision farming techniques in a pear orchard”  <b>Authors: Anna Vatsanidou, George Nanos, Spyros Fountas and Theofanis Gemtos</b></p>
16:00-16:30	<b>Coffee Break</b>	
16:30-18:00	<p align="center"><b>Session 5 (Pythagoras Room)</b>  <b>Information Systems</b>  <b>Chairs: Laszlo Varallyai &amp; Stavros Valsamidis</b></p>	<p align="center"><b>Session 6 (Socrates Room)</b>  <b>Innovation in Short Value Chains in Rural Areas</b>  <b>Chairs: Maro Vlachopoulou &amp; Evangelos Grigoroudis</b></p>
	<p>“Design and Implementation of a Monitoring and Control Software Tool to Assess Process and Production Data in an Olive Oil Production Unit”  <b>Authors: Eleni Kalogianni, Pavlos Salvaras, Dimitrios Bechtsis and Fotis Stergiopoulos</b></p>	<p>“Towards a Global Record of Stocks and Fisheries”  <b>Authors: YannisTzitzikas, YannisMarketakis, Nikos Minadakis, Michalis Mountantonakis, Leonardo Candela, Francesco Mangiacrapa, Pasquale Pagano, Costantino Perciante, Donatella Castelli, Marc Taconet, Aureliano Gentile and Giulia Gorelli</b></p>
	<p>“Neural identification of chosen apple pests using algorithm LVQ”  <b>Authors: Piotr Boniecki, Hanna Piekarska-Boniecka, Duong Tran Dinh, MaciejZaborowicz, Jacek Dach, Anna Smurzyńska and Krzysztof Koszela</b></p>	<p>“The role of emotional intelligence as an underlying factor towards social acceptance of green investments”  <b>Authors: Stamatios Ntanos, Garyfallos Arabatzis and Miltiadis Chalikias</b></p>
	<p>“An Inference Strategy for Knowledge Units”  <b>Authors: Michal Peták and Milan Houška</b></p>	<p>“Avenues for livestock development in remote areas: the case of the Evros prefecture”  <b>Authors: Georgios Tsantopoulos, Christos Karelakis, Spyridon Mamalis and Konstantina Armenou</b></p>
	<p>“Adopting ICT tools by farm in Lucania Region”  <b>Authors: Gianluigi De Pascale, Piermichele La Sala, Nicola Faccilongo and Claudio Zaza</b></p>	<p>“Agent based software tool for efficient agricultural logistics”  <b>Authors: Dimitrios Katikaridis, Dimitrios Bechtsis, Konstantinos Liakos, Dimitrios Vlachos and Dionysis Bochtis</b></p>

Poster Session		
<b>18:00 -19:00</b>	<p>“Multifunctional agriculture and ICT: Incompatibility or a recipe for territorial development?” <b>Authors:</b> Athanasios Ragkos, Alexandros Theodoridis, Athanasios Batzios, Georgia Koutouzidou, Vagis Samathrakis, Christos Batzios and Athanasios Vazakidis</p>	<p>“Business Plan: The establishment of a rabbit farm and the marketing of innovative rabbit meat products and sausages” <b>Authors:</b> Maria Spilioti, Evangelos Zoidis, George Papadomichelakis and Kostas Tsiboukas</p>
	<p>“Evaluation of Sensors’ Precision in a Low Cost e-Health Monitoring System” <b>Authors:</b> Nikos Petrellis, Michael Birbas and Fotios Gioulekas</p>	<p>“Identification of free Amino Acids in Brewer’s Yeast after Heavy Metals Biosorption” <b>Authors:</b> AndreeaStănilă, ZoritaDiaconeasa, FloricutaRanga and Florinela Fetea</p>
	<p>“User-Technological Index of Precision Agriculture: Methods of Collecting data” <b>Authors:</b> Jan Masner, Jan Jarolímek, JiříVaněk, Pavel Šimek, Edita Šilerová</p>	<p>“Residents’ information about renewable forms of energy in the island of Cyprus” <b>Authors:</b> Paraskevi Karanikola, Stilianos Tampakis, Filippos Florou and Zoe Tampakis</p>
	<p>“Flame Weeding in corn, soybean and sunflower” <b>Author:</b>StevanKnezevic</p>	<p>“The dynamics of the regulated ethanol market in Brazil” <b>Authors:</b> Derick D. Quintino, Sergio A. David and Carlos E. F. Vian</p>
	<p>“Conception and fabrication of the wind tunnel control system” <b>Authors:</b> Krzysztof Nalepa, MichałŚmieja, PawełPietkiewicz, WojciechMiąskowski and MaciejNeugebauer</p>	<p>“Utilization of RIMpro cloud services for managing of Apple scab in Kosovosaeed” <b>Authors:</b> Edmond Rexhepi, HarallambPaçe, HekuranVrapi and ArbenitaHasaniRexhepi</p>
	<p>“A fuzzy model for controlling an on-grid LED lamp with a battery bank, powered by renewable energy” <b>Authors:</b> MaciejNeugebauer, Krzysztof Nalepa, PawełPietkiewicz, WojciechMiąskowski and Piotr Sołowiej</p>	<p>“Investigation of polymorphisms in MC4R and GPX5 genes in Greek pigs” <b>Authors:</b> Maria Anastasiadou, Alexandros Theodoridis and Georgios Michailidis</p>
	<p>“A Proposed Risk Management Framework for Business Continuity in Agriculture” <b>Authors:</b> Athanasios Podaras and Dana Nejedlová</p>	<p>“Applying a Travel Cost Method to Evaluate the Thermal Tourism in Greece: Case Study of LoutrakiArideas Springs” <b>Author:</b> Georgios Apostolidis</p>
	<p>“Rural renaissance – fostering innovation and business opportunities in the quarry sector of Paggiao Municipality” <b>Authors:</b> Thomas Panagopoulos, Paraskevi Karanikola, Stilianos Tampakis, Nikoleta Gounari and Antonios Tampakis</p>	<p>“Molecular detection of the resistance to biotic stress conditions in Hellenic bread wheat commercial cultivars” <b>Authors:</b> Natalia Kozub, AnatoliiKarelov, Igor Sozinov, Oksana Sozinova and Ioannis Xynias</p>
	<p>“Contamination of winter wheat with fusarium mycotoxin depending on environment conditions and cultivar” <b>Authors:</b> GrazynaPodolska and Edyta Boguszezwska</p>	<p>“Quality Monitoring of Natural Water from Southwest District of Moscow using Total Reflection X-ray Fluorescence Analysis” <b>Authors:</b> Nikolai Alov, Pavel Sharanov and Olga Abramova</p>
	<p>“Energy audit of broiler production upon different production seasons in Northern Iran” <b>Author:</b> Saeed Firouzi</p>	<p>“Alkylresorcinol content in the grains of winter triticale depending on production technology” <b>Author:</b> BoguslawJaaskiewicz</p>
	<p>“The development of renewable energies for a durable management of water in Algeria” <b>Authors:</b> Naima Boubou</p>	<p>“Solar Energy development: the case of Kuwait 2017” <b>Authors:</b> Hanouf Aldhafferie, Kevin Lawler and Anwar Alshriaan</p>
	<p>“Farm Management Information system: case study” <b>Authors:</b> NebojsaNovkovic, Christoph Husemann, TihomirZoranovic and BebaMutavdzic</p>	<p>“The effects of “mob grazing” on soil organic matter and dairy cow performance – a case study” <b>Authors:</b> Konstantinos Zaralis and Susanne Padel</p>
	<p>“On price mechanism of ethanol in Brazil using fractional mathematical tools” <b>Authors:</b> Sergio Adriani David, Claudio Cassela Jr., Derick Quintino and José Tenreiro Machado</p>	<p>“Technology, choice and smartphones: an empirical analysis based on primary data drawn from Kuwait” <b>Authors:</b> Kevin A. Lawler, Anwar Alshriaan and Sawsan Sadeq</p>
<b>19:00 – 19:45</b>	<p><b>Industry Session (Pythagoras Room)</b> <b>Chairs: Michail Salampasis &amp; Georgios Kokkinis</b></p>	
	<p>“Innovation in the travel industry” <i>Ioannis Skias (JR Technologies)</i></p> <p>“OPEKEPE and the New CAP” <i>George Apostolakis (OPEKEPE)</i></p> <p>“RE.CAP - Reinforcing CAP - personalized public services in support of the implementation of the CAP” <i>Olga Tzouvara &amp; Nikolaos Petalidis (OPEKEPE)</i></p> <p>“User-Technological Index of Precision Agriculture” <i>Jan Masner (UTIPA)</i></p> <p>“Capabilities and Applications of ArcGIS Geographic Information Systems” <i>Marathon Data Systems</i></p> <p>“Specisoft and its collaborations with Universities in Research Projects A.I.” <i>Theoklis Vasiliadis (Specisoft)</i></p>	
<b>21:00</b>	<b>Dinner</b>	

Saturday 23 September			
08:30-09:00	HAICTA 2017 Registration		
09:00-09:45	Invited Talk B (Aristotle Room) Uses of Blockchain Technology in the Agrifood System <i>Dr. Christopher Brewster</i>		
09:45-11:15	<p><b>Session 7 (Pythagoras Room)</b> Water Resources Management Chairs: Konstantinos Mattas &amp; Luisa Sturiale</p> <p>“Water data sharing in Italy with SIGRIAN WebGIS platform” <b>Authors:</b> Raffaella Zucaro, Gianfranco Giannerini, Marco Martello, Antonio Gerardo Pepe and Fabrizio Luigi Tascone</p> <p>“Approaching to the fourth agricultural revolution: Analysis of needs for the profitable introduction of smart farming in rural areas” <b>Authors:</b> Stefania Lombardo, Daniele Sarri, Luigi Corvo and Marco Vieri</p> <p>“Neuro-fuzzy control for the reduction of the vibrations on smart irrigation systems” <b>Authors:</b> Georgios Tairidis, Panagiotis Koutsianitis, Alikei Muradova and Georgios Stavroulakis</p> <p>“Multicriteria and Social Choice Methods in Assessing Water Management Plans” <b>Authors:</b> Bojan Srdjevic, Zorica Srdjevic and Yvonilde Dantas Pinto Medeiros</p>	<p><b>Session 8 (Socrates Room)</b> Environmental Design and Policy Chairs: George Baourakis &amp; Stylianos Tampakis</p> <p>“Willows in Czech lowlands: variability of density and shrinkage” <b>Authors:</b> Vladimír Gryc, Kyriaki Giagli, Marek Fajstavr and Hanuš Vavrčík</p> <p>“Investigation of the relationship between ecological sensitivity and renewable energy investment acceptance by using the NEP scale” <b>Authors:</b> Stamatios Ntanos, Garyfallos Arabatzis and Stavros Tsiantikoudis</p> <p>“Tree-ring widths and wood density variability of non-native species: a case study of Douglas-fir growing in central Europe” <b>Authors:</b> Kyriaki Giagli, Lukáš Timko, Vladimír Gryc, Marek Fajstavr and Hanuš Vavrčík</p> <p>“Investigating the impact of visitors’ perceptions and attitudes towards Sustainable Tourism Management in Greece: The case of Pella prefecture” <b>Author:</b> Georgios Apostolidis</p>	
	11:15-11:45	Coffee Break	
	11:45-13:15	<p><b>Session 9 (Pythagoras Room)</b> Decision Support Systems Chairs: Oleksandr Chernyak &amp; Vagis Samathrakis</p> <p>“A fuzzy multiple criteria approach for environmental performance evaluation in the food industry” <b>Authors:</b> Evangelos Grigoroudis</p> <p>“A decision support system for CAP2020 regionalization design in national level” <b>Authors:</b> Dimitris Kremmydas, Michael Maliappis, Leyteris Nellas, Apostolos Polymeros, Stelios Rozakis and Kostantinos Tsiboukas</p> <p>“Microclimates and their stochastic effect on olive fruit fly evolution: Modeling and simulation” <b>Authors:</b> Romanos Kalamatianos and Markos Avlonitis</p> <p>“SheepIT - An electronic shepherd for the vineyards” <b>Authors:</b> Luís Nóbrega, Paulo Pedreiras and Pedro Gonçalves</p>	<p><b>Session 10 (Socrates Room)</b> iSAGE Chairs: Alexandros Theodoridis &amp; Daniel Martin-Collado</p> <p>“iSAGE: Innovation to improve efficiency in sheep and goats” <b>Authors:</b> Georgios Arsenos, Konstantinos Zoralis, Raffaele Zanolì, Agus Del Prado, Gus Rose, Georgios Banos and Cled Thomas</p> <p>“Developing an assessment tool to evaluate the sustainability of sheep and goat farming systems in Europe” <b>Authors:</b> Konstantinos Zoralis, Laurence Smith, Alejandro Belanche, Emmanuel Morin, Samantha Mullender, Ignacio Martín-García and David Yañez-Ruiz</p> <p>“Happy Goats - A decision support web app for sustainable small ruminant farming” <b>Authors:</b> Sotiria Vouraki, Yannis Skourtis, Dinos Psychos, Gus Rose and Georgios Arsenos</p> <p>“Priority innovations for European sheep and goat industry members” <b>Authors:</b> Daniel Martin-Collado, Gus Rose, Clara Diaz, Kostantino Zoralis and David Yañez-Ruiz</p>
		13:15-14:30	Lunch
14:30-16:00		<p><b>Session 11 (Pythagoras Room)</b> Spatial Analysis, Landscape Planning and GIS-based Analysis Chairs: Gian Paolo Cesaretti &amp; Spyridon Mamalis</p> <p>“About some peculiarities of SRTM Digital Elevation Model usage for agricultural land use planning” <b>Authors:</b> Arseniy Zhogolev and Igor Savin</p> <p>“Applying Different Remote Sensing Data to Determine Relative Biomass Estimations of Cereals for Precision Fertilization Task Generation” <b>Authors:</b> Jere Kaivosoja, Roope Näsä, Teemu Hakala, Niko Viljanen and Eija Honkavaara</p> <p>“Assessing forest species biogeophysical suitability by spatial multicriteria analysis: a study case for the Centro region of Portugal” <b>Authors:</b> Luis Quinta-Nova, Cristina Alegria, Teresa Albuquerque and Natália Roque</p> <p>“A Semiotic Approach to the Landscape Accounting and Assessment. An Application to the Urban-Coastal Areas” <b>Authors:</b> Salvatore Giuffrida and Maria Rosa Trovato</p>	<p><b>Session 12 (Socrates Room)</b> Diseases Diagnosis and Health Monitoring Systems Chairs: Panagiotis Aggelidis &amp; Athanasios Ragkos</p> <p>“A Windows Phone Application for Plant Disease Diagnosis” <b>Author:</b> Nikos Petrelis</p> <p>“Integrated Pest Control for the Olive-Fruit Fly: Remote Pest Monitoring and Optimized Bait-Sprays” <b>Authors:</b> George Fouskitakis, Lefteris Doitsidis, Kyriaki Varikou, Iraklis Rigakis, Ioannis Sarantopoulos, Athanasia Mpirouraki, Androniki Papafilippaki, Eleni Barbopoulou, Savvas Chatzichristofis and Kyriaki Maniadaki</p> <p>“Information mining from health protection data against mosquitoes” <b>Authors:</b> Stavros Valsamidis, Lambros Tsourgiannis, Giannoula Florou, Athanasios Mandilas and Michael Nikolaidis</p> <p>“Which orientation for strategies and policies for local animal breeds? The role of ICT and novel technologies” <b>Authors:</b> Athanasios Ragkos, Georgia Koutouzidou, Christos Christodoulou and Athanasios Batzios</p>
		16:00-16:30	Coffee Break

	<b>Session 13 (Pythagoras Room)</b> <b>Innovative Food, Traceability &amp; Logistics</b> <b>Chairs: Dimitris Folinas &amp; Bojan Srdjevic</b>	<b>Session 14 (Socrates Room)</b> <b>Web Applications</b> <b>Chairs: Vojtech Merunka &amp; Konstantinos Ioannou</b>
<b>16:30-18:00</b>	"Making the canned tomato paste production green" <b>Authors:</b> <i>Dimitris Folinas, PanayotisKarayannakidis and Dimitrios Aidonis</i>	"Cultivation Optimization Using Augmented Reality" <b>Authors:</b> <i>Alexander Katsaros, Euclid Keramopoulos, Michail Salampasis</i>
	"Effect of ozonation on the essential oil composition of dried aromatic plants" <b>Authors:</b> <i>Martha Kazi, PaschalinaChatzopoulou and Christos Lykas</i>	"Low Cost Computer Platforms for Environmental Monitoring: The case of the AgroComp Project" <b>Authors:</b> <i>Konstantinos Ioannou, Dimitrios Emmanouloudis and KleanthisXenitidis</i>
	"Strategic Decision Support Systems for Logistics in the Agrifood Industry" <b>Authors:</b> <i>Maria Kamariotou, Fotis Kitsios, Michael Madas, Vicky Manthou and Maro Vlachopoulou</i>	"A comparative analysis among three commercial temperature sensors" <b>Authors:</b> <i>Konstantinos Ioannou, Dimitrios Emmanouloudis and KleanthisXenitidis</i>
	"Use of Unmanned Aerial Vehicles for Wildlife Monitoring" <b>Authors:</b> <i>Pavel Simek, Jan Pavlik, Jan Jarolimek, Vladimir Ocenasek and Michal Stoces</i>	"Modeling of Posting Behavior in Social Media" <b>Authors:</b> <i>Kateryna Kononova, Anton Dek and Maksym Shpakovych</i>
<b>18:00-19:00</b>	<b>Conference Conclusions &amp; Closing (Aristotle Room)</b>	
<b>20:30</b>	<b>Gala Dinner</b>	
<b>Sunday 24 September</b>		
<b>10:00 - 12:30</b>	<b>Sight-seeing excursion</b>	



# Sponsors



JR Technologies

**Marathon Data Systems**  
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CHAMBER OF COMMERCE AND INDUSTRY OF CHANIA

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