

11th International Conference on Interactive Mobile
Communication Technologies and Learning
IMCL2017

Co-organized with

International Conference on Interactive Collaborative
and Blended Learning
"Education Innovation"
ICBL2017



Organized by:



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<http://www.imcl-conference.org/imcl2017>

30 November – 1 December 2017
Thessaloniki
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Lia Terzidou, Aristotle University of Thessaloniki, Greece
Olympia Lilou, Aristotle University of Thessaloniki, Greece
Vasiliki Zilidou, Aristotle University of Thessaloniki, Greece
Efthymios Ziaγκas, Aristotle University of Thessaloniki, Greece
Nikolaos Chatziantoniou, Aristotle University of Thessaloniki, Greece

IMCL2017 – Keynotes

Keynote 1: Pedagogical Reasoning in Mobile Technologies

Tassos Anastasios Mikropoulos, University of Ioannina, Greece



Mobile Technologies are increasingly used in teaching and learning processes. In principle, their contribution to education comes from their technological characteristics. Mobile devices retain the characteristics of management of a high volume of data and information in a short time, information presentation through dynamic interactive and multiple representations, and communication. Moreover, their specific affordances, that is the actions enacted by them, are (a) ubiquity because of their portability, mobility and connectivity, (b) location awareness because of their geographical positioning recognition, and (c) environmental awareness because of their imbedded sensors. These three affordances afford certain actions that may be used in teaching and learning, but it is the pedagogical use of mobile technologies that may result to learning benefits. Pedagogical reasoning, that is Pedagogical Content Knowledge, is now extended by the certain affordances of mobile technologies and configures the specific Technological Pedagogical Content Knowledge (TPCK or TPACK). The literature on mobile learning and especially on Science Education shows positive learning outcomes. Educational researchers design mobile educational software applications, use all kinds of sensors, and conduct experiments remotely. Both students, as digital natives, and teachers show positive attitudes towards the use of mobile technologies. Nevertheless, in mobile learning, the TPACK framework inspired by pedagogical reasoning has to characterize educational research and practice.

Keynote 2: IoT and Mobile Learning: A Game Changer or Business as Usual?

Monica Divitini, Norwegian University of Science and Technology, Norway



Advances in mobile technology have a positive impact on fast, real-time and Mobile learning is not only about supporting existing educational practices, but about inventing new ways of learning, often taking the learning out of the classroom and involving new stakeholders. Mobile learning has traditionally focused on the use of mobile devices, like smartphones and tablets. The affordances of these technologies are largely shaping the way mobile learning is currently conceived. The emerging of Internet of Things (IoT) is calling for a critical reflection on the way we understand mobile learning: which new scenarios of mobile learning can we envision? Which challenges is IoT bringing at the forefront? Which digital skills are required by teachers and students to take full advantage of the possibilities offered by IoT?

By reflecting on the current state of the art and the affordances of IoT, we need to address these questions to revise our research agenda in order to creatively take advantage of IoT as an enabling technology for mobile learning.

IMCL2017 – Tutorials

Tutorial 1: Smart Cities Energy Management: A Cooperative Perspective

John Vardakas, Ph.D., Senior Researcher, Iquadrat Informatica S.L. Barcelona – Spain

Christos Verikoukis, Ph.D., Fellow Researcher, Telecommunications Technological Centre of Catalonia, Spain

The major challenges that urban living faces over the last years, as a result of the increasing population density, have triggered the discussion for the development of effective solutions that target the economic, social, and environmental sustainability of urban areas. In addition, environmental concerns have stressed the need for the development of innovative solutions for the effective and flexible utilization of the renewable energy. To this end, Demand Response (DR) is considered as an effective and reliable solution that target to alter electricity consumers' demand profile in order to match the supply, while aiming at the efficient incorporation of

renewable energy resources. In this Tutorial, we aim to present the new trend on energy management in cities that is based on the cooperation of buildings as an alternative solution for the optimum management of the energy generated, stored and consumed in urban buildings. Since the issue of energy consumption management is of extreme interest both from the research community as well as industry, the proposed tutorial surely covers a timely topic, and it can provide useful hints to researchers on available research lines and industrial developer on most recent and promising advances in the fields.

Tutorial 2: Design Guidelines for Location-based Mobile Games for Learning

Nikolaos Avouris, University of Patras, Greece

Nicoleta Yiannoutsou, University of Patras, Greece

Christos Sintoris, University of Patras, Greece

The objective of this course, is to introduce the participants to location-based games and to the challenges relating to designing them. Key characteristics of this new genre are introduced first, followed by a design framework and a set of design guidelines. Examples of location-based games will be presented and typical design patterns as extracted from previous workshops will be discussed. This course has already been run in the frame of several conferences and summer schools (Sintoris, 2014). Typical course participants include interaction designers, game designers and developers, practitioners and researchers interested in location-based games. The course is presented by researchers who have been involved in designing and studying human interaction with location-based games for many years. Examples of games developed by the course organizers include MuseumScrabble, RebelsVsSpies, Taggling, etc. The course is structured as following:

- key concepts and definitions
- examples,
- positioning technologies,
- designing location-based games,
- design guidelines,
- hands-on experience: design of a game.

IMCL 2017 at a Glance

Place	Room A: "Zeus" Hall	Room B: "Ifigenia" Hall	Room C: "Nafsika" Hall	Room A: "Zeus" Hall	Room B: "Ifigenia" Hall	
Time	Thursday 30 Nov 2017			Friday 01 Dec 2017		Saturday 02 Dec 2017
8:00						
8:30	Registration			Registration		8:30-18:00 Social Event:
9:00	9:00-9:30 Opening Ceremony			9:00-10:00 2nd Keynote Competition Winners		
9:30	9:30-10:30 1st Keynote					Trip to Vergina
10:00				10:00 - 11:00 ICBL1	10:00 - 11:00 mLME	
10:30	10:30 -11:00 Coffee Break			11:00 -11:30 Coffee Break		
11:00	11:00 - 13:00 DiTES	11:00 - 12:00 MC1	11:00 - 12:00 MC2			
11:30				11:30 - 13:00 ICBL2	11:30 - 13:00 MC7	
12:00						
12:30			12:00 - 13:00 MC3			
13:00			12:00 - 13:00 MHCTT			
13:30	13:00-14:00 Lunch			13:00-14:00 Lunch		
14:00	14:00 - 15:00 GBL	14:00 - 15:30 MC4	14:00 - 15:30 Students' Competition	14:00 - 15:30 ARIA	14:00 - 15:30 MC8	
14:30						
15:00	15:00 - 17:00 5GWOTforMCS	15:30 - 17:00 MC5	15:30 - 17:00 MC6	15:30 - 17:00 Tutorial 2	15:30 - 17:00 MC 9	
15:30						
16:00						
16:30						
17:00	17:00 -17:30 Coffee Break & Posters			End of Day 2		
17:30	17:30 - 19:30 Tutorial 1					
18:00						
18:30						
19:00						
19:30	End of Day 1					
20:00						
20:30						
21:00	21:00 - 24:00 Conference Dinner					
...						
24:00						

Meeting Rooms

- Room A: "Zeus" Hall is located at the 7th floor of the hotel
- Room B: "Ifigenia" Hall is located at the level -1 of the hotel
- Room C: "Nafsika" Hall is located at the level -1 of the hotel
- The Restaurant is (lunch area) is located at the ground floor
- The conference rooms will be equipped with wi-fi

IMCL2017 Program

IMCL2017 program is also available for mobile devices through the **conference4me** application. To download the mobile app, please type '**conference4me**' in Google Play and iTunes App Store.

Date: Thursday, 30/Nov/2017			
8:30am - 5:00pm	Registration Location: IMCL Reception & Posters Area		
9:00am - 9:30am	OC: Opening Ceremony Location: Room A: "Zeus" Hall <ul style="list-style-type: none"> • Welcome by the IMCL 2017 Steering Committee Chair: Michael E. Auer, Carinthia Tech Institute • Welcome by the Rector of AUTH: Periklis Mitkas, Aristotle University of Thessaloniki, Greece • Welcome by the Chairman of the School of Informatics: Eleftherios Angelis, Aristotle University of Thessaloniki, Greece • Welcome by the ICBL General Chair: Andreas Pester, Carinthia University of Applied Sciences Villach, Austria • Welcome by the ICBL 2017 Conference Co-Chair: Stavros Demetriadis, Aristotle University of Thessaloniki, Greece • Welcome by the IMCL 2017 General Chair: Thrasyvoulos Tsiatsos, Aristotle University of Thessaloniki, Greece 		
9:30am - 10:30am	Keynote 1 Location: Room A: "Zeus" Hall Chair: Michael E. Auer , CTI Global Pedagogical Reasoning in Mobile Technologies, Tassos Mikropoulos , University of Ioannina, Greece		
10:30am - 11:00am	Coffee Break Location: Room A: "Zeus" Hall		
11:00am - 12:00pm	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> MC1: Main Conference 1 Location: Room B: "Ifigenia" Hall Chair: Helen Karatza, Aristotle University of Thessaloniki Android OS mobile technologies meets robotics for expandable, exchangeable, reconfigurable, educational, STEM-enhancing, socializing robot Nikolaos Fachantidis¹, Antonis Dimitriou², Sofia Pliasa¹, Vasileios Dagdilelis¹, Dimitrios Pnevmatikos³, Petros Perlantidis³, Alexis Papadimitriou⁴ 1: University of Macedonia, Greece; 2: Aristotle University of Thessaloniki; 3: University of Western Macedonia; 4: MLS Multimedia SA <hr/> Employing Theatrical Interactions and Audience Engagement to Enable Creative Learning Experiences in Formal and Informal Learning Nektarios Mournoutzis, Nektarios Gioldasis, George Anestis, Marios Christoulakis, George Stylianakis, Stavros Christodoulakis Laboratory of Distributed Multimedia Information Systems and Applications, School of Electrical and Computer Engineering, Technical University of Crete, Greece <hr/> Mobivoke: A Mobile System Architecture to Support Off School Collaborative Learning Process Panos K. Papadopoulos¹, Nikolaos Christos Zygouris², Maria G Koziri², Thanasis Loukopoulou¹, Georgios Stamoulis^{2,3} 1: Computer Science and Biomedical Informatics, University of Thessaly, Lamia, Greece; 2: Computer </td> <td style="width: 50%; vertical-align: top;"> MC2: Main Conference 2 Location: Room C: "Nafsika" Hall Chair: Tharrenos Bratitsis, University of Western Macedonia The Use of Educational Scenarios Using State-of-the-art IT Technologies such as Ubiquitous Computing, Mobile Computing and the Internet of Things as an Incentive to Choose a Scientific Career Kalliopi Magdalinou¹, Spyridon Papadakis^{2,3} 1: ΑΚΡΠΥ, Greece; 2: Open University of Cyprus, Greece; 3: Computer Technology Institute & Press "Diophantus", Greece <hr/> Conceptual Framework of Microlearning-based Training Mobile Application for Improving Programming Skills Jan Skalka, Martin Drlík Constantine the Philosopher University in Nitra, Slovak Republic <hr/> Effectiveness of Integrating Open Educational Resources and Massive Open Online Courses in Student Centred Learning Vinu Sherimon, Huda Al Shuaily, Regula Thirupathi Higher College of Technology, Oman <hr/> Mobilizing the Semantic Interpreter Pythia – Teaching Engineering Students to integrate GIS and soil data during in situ measurements </td> </tr> </table>	MC1: Main Conference 1 Location: Room B: "Ifigenia" Hall Chair: Helen Karatza , Aristotle University of Thessaloniki Android OS mobile technologies meets robotics for expandable, exchangeable, reconfigurable, educational, STEM-enhancing, socializing robot Nikolaos Fachantidis¹, Antonis Dimitriou², Sofia Pliasa¹, Vasileios Dagdilelis¹, Dimitrios Pnevmatikos³, Petros Perlantidis³, Alexis Papadimitriou⁴ 1: University of Macedonia, Greece; 2: Aristotle University of Thessaloniki; 3: University of Western Macedonia; 4: MLS Multimedia SA <hr/> Employing Theatrical Interactions and Audience Engagement to Enable Creative Learning Experiences in Formal and Informal Learning Nektarios Mournoutzis , Nektarios Gioldasis, George Anestis, Marios Christoulakis, George Stylianakis, Stavros Christodoulakis Laboratory of Distributed Multimedia Information Systems and Applications, School of Electrical and Computer Engineering, Technical University of Crete, Greece <hr/> Mobivoke: A Mobile System Architecture to Support Off School Collaborative Learning Process Panos K. Papadopoulos¹, Nikolaos Christos Zygouris², Maria G Koziri², Thanasis Loukopoulou¹, Georgios Stamoulis^{2,3} 1: Computer Science and Biomedical Informatics, University of Thessaly, Lamia, Greece; 2: Computer	MC2: Main Conference 2 Location: Room C: "Nafsika" Hall Chair: Tharrenos Bratitsis , University of Western Macedonia The Use of Educational Scenarios Using State-of-the-art IT Technologies such as Ubiquitous Computing, Mobile Computing and the Internet of Things as an Incentive to Choose a Scientific Career Kalliopi Magdalinou¹, Spyridon Papadakis^{2,3} 1: ΑΚΡΠΥ, Greece; 2: Open University of Cyprus, Greece; 3: Computer Technology Institute & Press "Diophantus", Greece <hr/> Conceptual Framework of Microlearning-based Training Mobile Application for Improving Programming Skills Jan Skalka, Martin Drlík Constantine the Philosopher University in Nitra, Slovak Republic <hr/> Effectiveness of Integrating Open Educational Resources and Massive Open Online Courses in Student Centred Learning Vinu Sherimon , Huda Al Shuaily, Regula Thirupathi Higher College of Technology, Oman <hr/> Mobilizing the Semantic Interpreter Pythia – Teaching Engineering Students to integrate GIS and soil data during in situ measurements
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	<p>Science, University of Thessaly, Lamia, Greece.; 3: Electrical and Computer Engineering, University of Thessaly, Volos, Greece.</p> <hr/> <p>Proposing New Mobile Learning (M-learning) Adoption Model for Higher Education Providers <u>Mohamed Khalefa Sarrab</u>, Hafedh Al-Shihi, Zuhoor Al-Khanjari, Hadj Bourdoucen Sultan Qaboos university Oman</p>	<p><u>Maria A. Papadopoulou</u>¹, George S. Ioannidis² 1: University of Applied Sciences of Thessaly, Dept. of Civil Engineering (Trikala) & Thessaly Region Local Government, Greece; 2: University of Patras, Greece</p>
<p>11:00am - 1:00pm</p>	<p>DiTeS: Special Session "DiTeS: Digital Technology in Sports" Location: Room A: "Zeus" Hall Chair: Stella Douka Chair: Vasileios Barkoukis, Aristotle University of Thessaloniki</p> <hr/> <p>Match Fixing In Sport: Usefulness Of Co-Creation In Developing Online Educational Tools <u>Andreas Loukovitis</u>, Vassilis Barkoukis Department of Physical Education and Sport Science, Aristotle University of Thessaloniki, Greece</p> <hr/> <p>Instructional Mirroring Applied In Basketball Shooting Technique <u>Hippokratis Apostolidis</u>, Nikolaos Politopoulos, Panagiotis Stylianidis, Agisilaos Chaldogeridis, Nikolaos Stavropoulos, Thrasyvoulos Tsiatsos Aristotle University of Thessaloniki, Greece</p> <hr/> <p>The Co-Creation Of An Online Educational Tool To Raise Awareness About Whistleblowing <u>Vassilis Barkoukis</u>¹, Andreas Loukovitis¹, Lambros Lazuras², Haralambos Tsorbatzoudis¹ 1: Department of Physical Education and Sport Science, Aristotle University of Thessaloniki, Greece; 2: Department of Psychology, Sociology and Politics, Sheffield Hallam University, Sheffield, United Kingdom</p> <hr/> <p>Gamified And Online Activities For Learning To Support Dual Career Of Athletes (GOAL) Thrasyvoulos Tsiatsos, Stella Douka, <u>Nikolaos Politopoulos</u>, Panagiotis Stylianidis, Efthymios Ziagkas, Vasiliki Zilidou Aristotle University of Thessaloniki, Greece</p> <hr/> <p>The Effect Of A 12 Week Reaction Time Training Using Active Video Game Tennis Attack On Reaction Time And Tennis Performance. <u>Efthymios Ziagkas</u>, Vasiliki Zilidou, Nikolaos Politopoulos, Stella Douka, Thrasyvoulos Tsiatsos, George Groupis AUTH, Greece</p> <hr/> <p>Massive Open Online Course for Basketball Injury Prevention Strategies (BIPS) Thrasyvoulos Tsiatsos, Stella Douka, Nikolaos Politopoulos, <u>Panagiotis Stylianidis</u> Aristotle University of Thessaloniki, Greece</p> <hr/> <p>Technology's Role On Physical Activity For Elderly People <u>Vasiliki I. Zilidou</u>, Stella Douka, Efthymios Ziagkas, Evangelia Romanopoulou, Nikolaos Politopoulos, Thrasyvoulos Tsiatsos, Panagiotis D. Bamidis Aristotle University of Thessaloniki, Greece, Greece</p> <hr/> <p>Designing Exergames For Working Memory Training Using MaKey MaKey <u>Agisilaos Chaldogeridis</u>, Nikolaos Politopoulos, Thrasyvoulos Tsiatsos Aristotle University of Thessaloniki, Greece</p>	
<p>12:00pm - 1:00pm</p>	<p>MC3: Main Conference 3 Location: Room B: "Ifigenia" Hall Chair: Ioannis Stamelos, Aristotle University of Thessaloniki</p> <hr/> <p>A preliminary study on a Mobile system for voice assessment and vocal hygiene training in military <u>Eugenia I Toki</u>, Vassiliki Siafaka, Dimitrios Moutselakis, Prodromos Ampatziadis, Dionysios Tafiadis, Georgios</p>	<p>MHCTT: Special Session "MHCTT: Mobile Health Care, new Trends and Technologies" Location: Room C: "Nafsika" Hall Chair: Samir Akhrouf, University of Bordj Bou Arreridj/eScience Tempus Project Partner</p> <hr/> <p>Mobile Platform for Medical Evaluation of Ailment Cases Via Telemedicine: A Case Study of Patients Remotely Monitoring</p>

	<p>Tatsis, Nausica Zivra Technological Educational Institute (TEI) of Epirus, Greece</p> <hr/> <p>Teacher-oriented data services for Learning Analytics <u>Dafinka Savova Miteva</u>, Aleksandar Dimov Dimov, Eliza Petrova Stefanova Sofia University "St. Kliment Ohridski", Bulgaria</p> <hr/> <p>The Future of Virtual Classroom: Using Existing Features to Move Beyond Traditional Classroom Limitations <u>Michalis Xenos</u> University of Patras, Greece</p> <hr/> <p>Parental mediation of tablet educational use at home and school: Facilitators or preventers? <u>George Palaigeorgiou</u>, Katerina Kamarina, Tharrenos Bratitsis, Stefanos Xefteris University of Western Macedonia, Greece</p>	<p><u>Azmi Shawkat Abdulbagi</u>¹, Abd Ibrahim Mossleh², Reyad Hazim Mahdi³ 1: Anbar University, Iraq; 2: Anbar University, Iraq; 3: Mustanseryah University, Iraq</p> <hr/> <p>Brain plasticity in older adults: Could it be better enhanced by cognitive training via an adaptation of the virtual reality platform FitForAll or via a commercial video game? Vasiliki Bapka¹, <u>Irene Bika</u>¹, Charalampos Kavouras¹, Theodore Savvidhs¹, Evdokimos Konstantinidis¹, Panagiotis Bamidis¹, Georgia Papantoniou², Elvira Masoura¹, Despoina Moraitou¹ 1: Aristotle University of Thessaloniki, Greece; 2: University of Ioannina, Greece</p> <hr/> <p>Controlling Diabetes With a Mobile Application: Diabetes Friend <u>Angela Pereira</u>, Micaela Esteves Polytechnic Institute of Leiria, Portugal</p> <hr/> <p>On the integration of wearable sensors in IoT enabled mHealth and quantified-self applications <u>Andreas Menychtas</u>¹, Dennis Papadimitos¹, Panayiotis Tsanakas², Ilias Maglogiannis¹ 1: University of Piraeus, Greece; 2: Greek Research and Technology Network (GRNET), Greece</p>
<p>1:00pm - 2:00pm</p>	<p>Lunch Location: Restaurant</p>	
<p>2:00pm - 3:00pm</p>	<p>GBL: Special Session "GBL: Game-Based Learning" Location: Room A: "Zeus" Hall Chair: Nektarios P. Mousmoutzis, Technical University of Crete</p> <hr/> <p>The Role of Adults in Giving and Receiving Feedback for Game Design Sessions with Students of the Early Childhood George Kalmpourtzis, <u>Lazaros Vrysis</u>, George Ketsiakidis Aristotle University of Thessaloniki, Greece</p> <hr/> <p>ARTé Mecenas: In the Shoes of a Medici <u>Michalis Matthaios Lygkias</u>, Bersimis Gerasimos Fragiskos, Thomas André Triseum, Greece</p> <hr/> <p>Serious Games And Motivation Jenny Pange, Aspa Lekka, <u>Sotiria Katsigianni</u> University of Ioannina, Greece</p> <hr/> <p>Game-Based Learning for IoT: the Tiles inventor toolkit <u>Anna Mavroudi</u>, Monica Divitini, Simone Mora, Francesco Gianni Norwegian University of Science and Technology</p>	
<p>2:00pm - 3:30pm</p>	<p>MC4: Main Conference 4 Location: Room B: "Ifigenia" Hall Chair: Michalis Xenos, University of Patras</p> <hr/> <p>Pattern-based Game Apps for Collaborative Learning about Sustainable Management of Public Space <u>Panagiotis Tragazikis</u>, Dimitris Gouscos NATIONAL AND KAPODISTRIAN UNIVERSITY OF</p>	<p>SC: 2nd IMCL Student International Competition for Mobile Apps Location: Room C: "Nafsika" Hall Chair: Andreas Pester, CUAS Chair: Ioannis Stamelos, Aristotle University of Thessaloniki Judges:</p> <ul style="list-style-type: none"> Petros Nikopolitidis, Aristotle University of Thessaloniki, Greece

	<p>ATHENS, Greece</p> <hr/> <p>An iOS knowledge app to support the course "Developing Applications in a Programming Environment" of the Greek Lyceum <u>Eleni Seralidou</u>, Dimitris Theodoropoulos, Christos Douligeris University of Piraeus, Greece</p> <hr/> <p>Teaching Programming Using Augmented Reality And Collaborative Game Based Learning <u>Ioannis Kazanidis</u>, Avgoustos Tsinakos, Christodoulos Lytridis Eastern Macedonia and Thrace Institute of Technology, Greece</p> <hr/> <p>An Overview of Location-based Game Authoring Tools for Education <u>Spyridon Xanthopoulos</u>, Stelios Xinogalos University of Macedonia, Greece</p> <hr/> <p>Computational Estimation In The Classroom With Tablets, Interactive Selfie Video And Self-regulated Learning <u>George Palaigeorgiou</u>, Ioanna Chloptsidou, Charalampos Lemonidis University of Western Macedonia, Greece</p> <hr/> <p>Embodied Learning About Time With Tangible Clocks <u>George Palaigeorgiou</u>, Dimitra Tsapkini, Stefanos Xefferis, Tharrenos Bratitsis University of Western Macedonia, Greece</p>	<ul style="list-style-type: none"> • Ilias Trohidis, Tero Consulting, Greece • Athena Vakali, Aristotle University of Thessaloniki, Greece • Panagiotis Siozos, Learnworlds, UK <p>Design And Evaluation Of A Virtual-Reality Braille Writer-Simulator Paul D Hatzigiannakoglou, <u>Evangelia Chytopoulou</u> University of Macedonia, Greece</p> <hr/> <p>Inclusive Access To Emergency Services: A Complete System Focused On Hearing-impaired Citizens <u>Vaso Constantinou</u> Cyprus University of Technology, Cyprus</p> <hr/> <p>Leadership Assessment And Soft Skill Optimization Mobile Game <u>Nikolaos Chatziantoniou</u>, Nikolaos Politopoulos, Panagiotis Stylianidis Aristotle University of Thessaloniki, Greece</p>
<p>3:00pm - 5:00pm</p>	<p>5GWOTforMCS: Special Session "5GWOTforMCS: 5G Wireless and Optical Technologies for Mobile Communication Systems" Location: Room A: "Zeus" Hall Chair: Nikos Pleros, Aristotle Univ. of Thessaloniki Chair: George Kalfas, Aristotle University of Thessaloniki</p> <hr/> <p>From Content-Centric to Entertainment-Centric Networks: Coordinated Content Caching and Recommendation in 5G <u>Thrasylvoulos Spyropoulos</u> EURECOM, France</p> <hr/> <p>Implementation Of An SDN-enabled 5G Experimental Platform For Core and Radio Access Network Support Kostas Ramantas¹, Elli Kartsakli¹, Mikel Irazabal¹, <u>Angelos Antonopoulos</u>², Christos Verikoukis² 1: Iquadrat Informatica S.L., Spain; 2: CTTC, Spain</p> <hr/> <p>Network Resilience in Virtualized Architectures <u>Diomidis Michalopoulos</u>¹, Borislava Gajic¹, Beatriz Gallego-Nicasio Crespo², Aravinthan Gopalasingham¹, Jakob Belschner³ 1: Nokia Bell Labs, Germany; 2: ATOS Research and Innovation; 3: Deutsche Telekom Technology Innovation, Germany</p> <hr/> <p>5G small-cell networks exploiting optical technologies with mmWave massive MIMO and MT-MAC protocols <u>Sotirios Papaioannou</u>, George Kalfas, Christos Vagionas, Charoula Mitsolidou, Pavlos Maniotis, Amalia Miliou, Nikos Pleros Aristotle University of Thessaloniki, Greece</p>	

	<p>Quality of Service Provisioning in High-Capacity 5G Fronthaul/Backhaul Networks <u>John Vardakas</u>¹, Elli Kartsakli¹, Angelos Antonopoulos², Sotirios Papaioannou³, George Kalfas³, Nikos Pleros³, Christos Verikoukis² 1: Iquadrat Informatica, Spain; 2: Telecommunications Technological Centre of Catalonia (CTTC/CERCA), Barcelona, Spain; 3: Dept. of Informatics, Aristotle University of Thessaloniki, Thessaloniki, Greece</p> <hr/> <p>Using 5G Experimental Facilities as a Learning Environment <u>Spyros Denazis</u> University of Patras, Greece</p>	
<p>3:30pm - 5:00pm</p>	<p>MC5: Main Conference 5 Location: Room B: "Ifigenia" Hall Chair: Christos Douligeris, University of Piraeus Research Center</p> <hr/> <p>The Game as a Way to Training the Mind: Learning to Reason through Game <u>Marisol Elorriaga</u>, Mario Edelmiro Antunez, Miguel Sandro Nicolino Universidad Tecnológica Nacional, Argentine Republic</p> <hr/> <p>WIP: Design, Development and Implementation of a "Web Technologies" Android Application for Higher Education <u>Eleni Seralidou</u>, Christos Douligeris University of Piraeus, Greece</p> <hr/> <p>Trials of the Acropolis: Teaching Greek mythology using Virtual Reality and game based learning <u>Pantelis Chintiadis</u>, Ioannis Kazanidis, Avgoustos Tsinakos Eastern Macedonia and Thrace Institute of Technology, Greece</p> <hr/> <p>Different Uses for Remote Labs in Electrical Engineering Education: Initial Conclusions of an Ongoing Experience <u>Ana Maria Beltran Pavani</u>¹, Delberis A Lima¹, Guilherme P Temporão¹, Gustavo R Alves² 1: Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio), Brazil; 2: Instituto Superior de Engenharia do Porto PT, Portugal</p> <hr/> <p>Human Factors Considerations in Mobile Learning Management Systems <u>Mohamed Khalefa Sarrab</u>¹, Zuhoor Al-Khanjari¹, Saleh Saleh Alnaeli², Hadj Bourdoucen¹ 1: Sultan Qaboos university Oman; 2: University of Wisconsin USA</p> <hr/> <p>A Cloud Computing Solution for Digital Marketing: a case study for small and medium-sized enterprises <u>Micaela Esteves</u>, Maria Beatriz Piedade, Angela Pereira Polytechnic Institute of Leiria, Portugal</p>	<p>MC6: Main Conference 6 Location: Room C: "Nafsika" Hall Chair: George Palaigeorgiou, University of Western Macedonia</p> <hr/> <p>An attempt for critical categorization of Android Applications available for the Greek Kindergarten <u>Tharrenos Bratitsis</u> University of Western Macedonia, Greece</p> <hr/> <p>A Two-Tiers Framework for Cloud Data Storage(CDS) Security based on Agent Oussama Arki, <u>Abdelhafid Zitouni</u> Laboratory LIRE, Abdelhamid Mehri Constantine 2 University, Algeria</p> <hr/> <p>Automated Development of Physics Educational Content for Mass Individualized Education <u>Alexander Sergeevich Chirtsov</u>^{1,3}, Sergej Vlaimirovich Sycho², Alexander Igorevich Mylnikov² 1: Saint Petersburg Electrotechnical University "LETI", Russian Federation; 2: ITMO University, Russian Federation; 3: Herzen State Pedagogical University of Russia, Russian Federation</p> <hr/> <p>Analytical Hierarchy Process and Human Plausible Reasoning for Providing Individualised Support in a Mobile Interface Katerina Kabassi¹, Maria Virvou², <u>Efthimios Alepis</u>² 1: TEI of Ionian Islands, Greece; 2: University of Piraeus</p> <hr/> <p>Developing interdisciplinary instructional design through Creative Problem-Solving by the pillars of STEAM methodology <u>Eleni Neofotistou</u>, Fotini Paraskeva University of Piraeus, Greece</p> <hr/> <p>Programming Human-Robot Interactions in Middle School: The Role of Mobile Input Modalities in Embodied Learning <u>Alexandros Merkouris</u>¹, Konstantinos Chorianopoulos² 1: Ionian University, Greece; 2: Ionian University, Greece</p>
<p>5:00pm - 5:30pm</p>	<p style="text-align: center;">Coffee Break Location: Room A: "Zeus" Hall</p>	

5:00pm - 5:30pm	<p>P: Posters Location: Room A: "Zeus" Hall</p> <p>Design of Lifelong Learning Content using the mobile E-Time Capsule System <u>Kazuya Takemata</u>¹, Akiyuki Minamide¹, Shintarou Wakayama², Takumi Nishiyama¹ 1: Kanazawa Technical College, Japan; 2: Kurashiki Printing Co., Ltd., Japan</p> <hr/> <p>Design of Communications System for Idea Creation in Team Activity <u>Akiyuki Minamide</u>, Kazuya Takemata, Arihiro Kodaka Kanazawa Technical College, Japan</p> <hr/> <p>The design of a Mobile system for voice e-assessment and vocal hygiene e-training <u>Eugenia I Toki</u>, Konstantinos Plachouras, Georgios Tatsis, Spyridon K Chronopoulos, Dionysios Tafiadis, Nausica Zivara, Vassiliki Siafaka Technological Educational Institute (TEI) of Epirus, Greece</p> <hr/> <p>Social Networking for Obesity Prevention and Eradication for Algerian teenagers Abdelkarim Benatmane², Ramzeddine Bouchachi², Samir Akhrout², <u>Yahia Belayadi</u>¹ 1: Université de la formation Continue, Algeria; 2: University of Bordj Bou Arreridj Algeria</p> <hr/> <p>A Multi-Agent Framework for Medical Diagnosis driven Smart Data in a Big Data environment Zakarya Elaggoune¹, <u>Ramdane Maamri</u>², Imen Boussebough³ 1: Lire Laboratory , University Abdelhamid Mehri Constantine 2, Algeria; 2: Lire Laboratory , University Abdelhamid Mehri Constantine 2 , Algeria; 3: Lire Laboratory, university Abdelhamid Mehri, Constantine 2, Algeria</p> <hr/> <p>Methodology for applying Gamification Patterns and Serious Games in the Educational Process Hector F Gomez, <u>María del Cisne Loján</u> Universidad Tecnica de Ambato, Ecuador</p>
5:30pm - 7:30pm	<p>T1: Tutorial 1 - Smart Cities Energy Management: A Cooperative Perspective Location: Room A: "Zeus" Hall Chair: Nikos Pleros, Aristotle Univ. of Thessaloniki Dr. John Vardakas, Senior Researcher, Iquadrat Informatica S.L. Barcelona – Spain. Dr. Christos Verikoukis, Fellow Researcher, Telecommunications Technological Centre of Catalonia, Spain.</p>
7:30pm	End of Day 1
...	
9:00pm - 11:30pm	<p>Dinner: Conference Dinner and Best Paper Awards Ceremony Location: Ionos (Ιωνος) Address: 3 Ionos Dragoumi Str., Thessaloniki, Greece (5 min. walk from the conference venue)</p>

Date: Friday, 01/Dec/2017			
8:30am - 1:00pm	<p>Registration Location: IMCL Reception & Posters Area</p>		
9:00am - 10:00am	<p>Keynote 2 Location: Room A: "Zeus" Hall Chair: Nikolaos Avouris, University of Patras IoT and Mobile Learning: A Game Changer or Business as Usual?, Monica Divitini, Norwegian University of Science and Technology, Norway</p>		
10:00am - 11:00am	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>ICBL1: International Conference on Interactive Collaborative and Blended Learning - Session 1 Location: Room A: "Zeus" Hall Chair: Andreas Pester, CUAS</p> </td> <td style="width: 50%; vertical-align: top;"> <p>mLME: Special Session "mLME: Multimedia Learning in Music Education" Location: Room B: "Ifigenia" Hall Chair: Dionysios B Politis, Aristotle University of Thessaloniki</p> </td> </tr> </table>	<p>ICBL1: International Conference on Interactive Collaborative and Blended Learning - Session 1 Location: Room A: "Zeus" Hall Chair: Andreas Pester, CUAS</p>	<p>mLME: Special Session "mLME: Multimedia Learning in Music Education" Location: Room B: "Ifigenia" Hall Chair: Dionysios B Politis, Aristotle University of Thessaloniki</p>
<p>ICBL1: International Conference on Interactive Collaborative and Blended Learning - Session 1 Location: Room A: "Zeus" Hall Chair: Andreas Pester, CUAS</p>	<p>mLME: Special Session "mLME: Multimedia Learning in Music Education" Location: Room B: "Ifigenia" Hall Chair: Dionysios B Politis, Aristotle University of Thessaloniki</p>		

	<p>Design, Implementation and Evaluation of a Computer Science Teacher Training Programme for Learning and Teaching of Python Inside and Outside School <u>Nektarios Mournoutzis</u>¹, George Boukeas², Vassilis Vassilakis², Nikos Pappas¹, Chara Xanthaki², Ioannis Maragoudakis¹, Antonios Deligiannakis¹, Stavros Christodoulakis¹ 1: Laboratory of Distributed Multimedia Information Systems and Applications, School of Electrical and Computer Engineering, Technical University of Crete, Greece; 2: Computer Science teacher in Secondary Education, Greece</p> <hr/> <p>Using Serious Games for Promoting Blended Learning for People with Intellectual Disabilities and Autism: Literature vs Reality Stavros Tsikinas, Stelios Xinogalos, Maya Satratzemi, Lefkothea Kartasidou University of Macedonia, Greece</p> <hr/> <p>Bridging Arduino with Mindstorms for Collaborative Learning and Exploration of the Internet of Things and Swarm Behaviors in Robotics Antonis Dimitriou², <u>Nikolaos Fachantidis</u>¹, Orestis Milios², Petros Perlantidis³, Arturo Morgado⁴, Francisco León Zacarías⁴, José Luis Aparicio⁴ 1: University of Macedonia, Greece; 2: Aristotle University of Thessaloniki, Greece; 3: University of Western Macedonia, Greece; 4: University of Cadiz, Spain</p> <hr/> <p>Learning to think and practice computationally via a 3D simulation game Nikolaos Pellas¹, <u>Spyridon Vosinakis</u>² 1: Department of Product and Systems Design Engineering, University of the Aegean, Greece; 2: Department of Product and Systems Design Engineering, University of the Aegean, Greece</p>	<p>Virtual Design Studio Project for Mobile Learning in Byzantine Music - A Cognitive Walkthrough Methodology Nektarios K Paris², <u>Dionysios B Politis</u>¹, Rafail M Tzimas¹, Nikolaos F Redakis³ 1: Aristotle University of Thessaloniki, Greece; 2: University of Macedonia, Thessaloniki, Greece; 3: Ecclesiastical Lyceum of Neapoli-Stavroupoli, Thessaloniki, Greece</p> <hr/> <p>Mobile Communications Technologies impact on Radio Frequency Broadcasts - A Cognitive Approach <u>Dionysios B Politis</u>¹, Veljko V Aleksic², Anastasios Tsirantonakis¹, Panagiotis Nteropoulos¹, Dimitrios G Margounakis¹ 1: Aristotle University of Thessaloniki, Greece; 2: University of Kragujevac, Čačak, Serbia</p> <hr/> <p>Spatial, Kinesthetic and Bodily Chromaticism - Gesture and sound interconnection within the framework of singing performance Dimitrios G Margounakis¹, <u>Dionysios B Politis</u>¹, Symeon D Kanakis², Nektarios K Paris², Neoklis B Lefkopoulou³ 1: Aristotle University of Thessaloniki, Greece; 2: University of Macedonia, Thessaloniki, Greece; 3: Technical Chamber of Greece</p> <hr/> <p>Neurophysiology-based Acoustic Measurements of Singing Contours - An Empathetic Interactive Loudness Approach <u>Dionysios B Politis</u>¹, Georgios I Kyriafinis¹, Jannis J Constantinidis¹, Nektarios K Paris² 1: Aristotle University of Thessaloniki, Greece; 2: University of Macedonia, Thessaloniki, Greece</p>
<p>11:00am - 11:30am</p>	<p>Coffee Break Location: Room A: "Zeus" Hall</p>	
<p>11:30am - 1:00pm</p>	<p>ICBL2: International Conference on Interactive Collaborative and Blended Learning - Session 2 Location: Room A: "Zeus" Hall Chair: Stavros Demetriadis, Aristotle University of Thessaloniki</p> <hr/> <p>Integrating Computational Thinking Into The Introductory Course Of Computer Science Via The Use Of The Programming Language Python <u>Maria Steka</u> Aristotle University of Thessaloniki, Greece</p> <hr/> <p>Lessons Learned from Synchronous Distance Learning in University Level at Congo <u>Apostolos Gkamas</u>, Maria Rapti University Ecclesiastical Academy of Vella of Ioannina, Greece</p>	<p>MC7: Main Conference 7 Location: Room B: "Ifigenia" Hall Chair: Ilias Maglogiannis, University of Piraeus</p> <hr/> <p>Fingertrips On Tangible Augmented 3D Maps For Learning History <u>Iliana Triantafyllidou</u>, Athina-Maria Chatzitsakiroglou, Stergiani Georgiadou, George Palaigeorgiou University of Western Macedonia, Greece</p> <hr/> <p>The Impact of Background Music on an Active Video Game Catherine Ganiti, <u>Nikolaos Politopoulos</u>, Thrasylvoulos Tsiatsos Aristotelio University of Thessaloniki, Greece</p> <hr/> <p>ARTé Mecenas: In the Shoes of a Medici</p>

	<p>Evaluation of a Blog-based Learning Analytics Tool: A Case Study Focusing on Teachers <u>Nikolaos Michailidis</u>, Panagiotis Kaiafas, Thrasylvoulos Tsiatsos Aristotle University of Thessaloniki, Greece</p> <hr/> <p>Developing Professional Skills through Facilitated Dialogue Anu Kurvinen, <u>Pasi Juvonen</u> Saimaa University of Applied Sciences, Finland</p> <hr/> <p>Data Expeditions As A Collaborative Assessment Technique: a Case Of Rubrics Design And Implementation <u>Olga Maksimenkova</u>¹, Irina Radchenko², Alexey Nezhanov¹ 1: National Research University Higher School of Economics, Russian Federation; 2: ITMO University</p> <hr/> <p>Literature Survey on Interaction Design and Existing Software Applications for Dyslectic Users <u>Panagiota Vangeli</u>, Jan Stage Aalborg University, Denmark</p>	<p><u>Michalis Matthaios Lygkiaris</u>, Bersimis Gerasimos Fragiskos, Thomas André Triseum, Greece</p> <hr/> <p>Improvement of Student Achievement via VR Technology <u>Elitsa Vasileva Peltekova</u>, Aleksandar Dimov Dimov, Eliza Petrova Stefanova Sofia University "St. Kliment Ohridski", Bulgaria</p> <hr/> <p>Cooperative Learning-Agents For Task Allocation Problem <u>Farouq Zitouni</u>¹, Ramdane Maamri² 1: Kasdi Merbah University - Ouargla, Algeria; 2: University Abdelhamid Mehri -Constantine 2 , Algeria</p> <hr/> <p>Game-Based Learning Platform for Vocational Education and Training <u>Dimitrios Kotsifakos</u>, Stefanos Monachos, Xenofon Zinoviou, Christos Douligeris University of Piraeus, Greece</p>
<p>1:00pm - 2:00pm</p>	<p>Lunch Location: Restaurant</p>	
<p>2:00pm - 3:30pm</p>	<p>ARIA: Special Session "ARIA: Augmented Reality and Immersive Applications" Location: Room A: "Zeus" Hall Chair: Yevgeniya Sulema, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" Chair: Aristidis Protopsaltis, Friedrich-Alexander-Universität</p> <hr/> <p>Augmented reality supporting deaf students in mainstream schools: Two case studies of practical utility of the technology Andri Ioannou, <u>Vaso Constantinou</u> Cyprus Interaction Lab, Cyprus University of Technology, Cyprus</p> <hr/> <p>Improving Physics Education through different Immersive and Engaging Laboratory Setups <u>Johanna Pirker</u>¹, Michael Stefan Holly¹, Patrick Hipp¹, Christopher König¹, Dominik Jeitler¹, Christian Gütl^{1,2} 1: Graz University of Technology, Austria; 2: Curtin University, Western Australia</p> <hr/> <p>Advanced Interactive Multimedia Delivery in 5G Networks <u>Radoslav Vargic</u>, Pavol Podhradský, Martin Medvecký, Juraj Londák Slovak University of Technology, Slovak Republic</p> <hr/> <p>ASAMPL: Programming Language for Mulsemedia Data Processing Based on Algebraic System of Aggregates <u>Yevgeniya Sulema</u></p>	<p>MC8: Main Conference 8 Location: Room B: "Ifigenia" Hall Chair: Apostolos Gkamas, University Ecclesiastical Academy of Vella of Ioannina</p> <hr/> <p>Building a Multiple Linear Regression Model to Predict Students' Marks in a Blended Learning Environment <u>Vinu Sherimon</u>², Sherimon Puliprathu Cherian¹ 1: Arab Open University, Oman; 2: Higher College of Technology, Oman</p> <hr/> <p>Designing An Augmented Reality Smartphone Application For The Enhancement Of Asthma Care Education <u>Chris Janes</u>¹, Thomas Andrews², Mohamed Abdel-Maguid¹ 1: University of Suffolk, United Kingdom; 2: Orbital Media, United Kingdom</p> <hr/> <p>Participatory Design with Dyslectics: Design and Evaluation of an Enhancing Reading Skills Tool <u>Panagiota Vangeli</u>, Jan Stage Aalborg University, Denmark</p> <hr/> <p>Ontological Support For Teaching The Blind Students Of Spatial Orientation Using Virtual Sound Reality <u>Dariusz Mikulowski</u>, Marek Pilski Faculty of Sciences, Siedlce University of Natural Sciences and Humanities, Poland</p>

	<p>National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine</p> <hr/> <p>Scoping The Window To The Universe; Design considerations And Expert Evaluation Of An Augmented Reality Mobile Application For Astronomy Education.</p> <p><u>Panagiotis Antoniou</u>¹, Maria Mpaka², Ioanna Dratsiou², Katerina Aggeioplasti³, Melpomeni Tsitouridou², Panagiotis Bamidis¹</p> <p>1: Medical Physics Lab Medical School Aristotle University of Thessaloniki, Greece; 2: Education Science – Learning Technologies post-graduate program, Faculty of Education Aristotle University of Thessaloniki Thessaloniki, Greece; 3: Education for Environment and Sustainability Postgraduate Program, Department of Education Sciences in Early Childhood, Democritus University of Thrace, Alexandroupolis, Greece</p> <hr/> <p>Enabling Social Exploration through Virtual Guidance in Google Expeditions: an Exploratory Study</p> <p>Antigoni Parmaxi, <u>Kostas Stylianou</u>, Panayiotis Zaphiris Cyprus University of Technology, Cyprus</p>	<p>Towards The Use Of Cognitive Radio To Solve Cellular Network Challenges</p> <p><u>Amine Hamdouchi</u>¹, Aouatef El biari¹, Badr Benmamar², Youness Tabii¹</p> <p>1: National School of Applied Sciences -Tetouan, Morocco; 2: LTT Laboratory, University of Tlemcen, Algeria</p> <hr/> <p>Personalized Museum Exploration by Mobile Devices</p> <p><u>Efthimios Alepis</u>¹, Katerina Kabassi², Maria Virvou¹</p> <p>1: University of Piraeus, Greece; 2: TEI of Ionian Islands, Greece</p> <hr/> <p>Towards Technology for Supporting Effective Online Learning Groups</p> <p><u>Godfrey Mayende</u>¹, Andreas Prinz², Paul Birevu Muyinda³, Ghislain Maurice Norbert Isabwe²</p> <p>1: University of Agder Norway, Makerere University Uganda; 2: University of Agder Norway; 3: Makerere University Uganda</p>
<p>3:30pm - 5:00pm</p>	<p>T2: Tutorial 2 - Design Guidelines for Location-based Mobile Games for Learning</p> <p>Location: Room A: "Zeus" Hall</p> <p>Chair: Thrasylvoulos Tsiatsos, Aristotle University of Thessaloniki</p> <p>N. Avouris, N.Yiannoutsou, C. Sintoris University of Patras, Greece</p>	<p>MC9: Main Conference 9</p> <p>Location: Room B: "Ifigenia" Hall</p> <p>Chair: Nikolaos Fachantidis, University of Macedonia</p> <hr/> <p>Proposal of a mapping mechanism between users of a e-learning platform and the WebRTC users</p> <p><u>Cheikhane Seyed</u>, Samuel Ouya, Jeanne Roux Ngo BILONG</p> <p>University Cheikh Anta Diop de Dakar, Senegal</p> <hr/> <p>Digital Mobile-Based Behaviour Change Interventions to Assess and Promote Critical Thinking and Research Skills Among Undergraduate Students</p> <p><u>Yousef A. Asiri</u>, David E. Millard, Mark J. Weal University of Southampton, United Kingdom</p>

		<p>Contextualisation of ELearning Systems in Higher Education Institutions Gerald Gwamba¹, Jaco Renken¹, Godfrey Mayende², <u>Dianah Nampijja</u>², Paul Birevu Muyinda³ 1: The University of Manchester UK; 2: University of Agder Norway, Makerere University Uganda; 3: Makerere University Uganda</p> <hr/> <p>E-learning Platform for Disadvantaged Groups Omar mousa Hasan, Mohamed Ali Taha, <u>Omar Hisham Asali</u>, Neda al Daher Princess Sumaya university, Jordan, Hashemite Kingdom of</p> <hr/> <p>A preliminary study on a Mobile system for voice assessment and vocal hygiene training: The case of preschool and elementary school teachers <u>Eugenia I Toki</u>, Dionysios Tafiadis, Konstantinos Rizos, Marina Primikiri, Georgios Tatsis, Nausica Zivra, Vassiliki Siafaka Technological Educational Institute (TEI) of Epirus, Greece</p> <hr/> <p>Céos: A web-based collaborative application for improving teaching-learning strategies <u>Marcos Mincov Tenório</u>¹, Francisco Antonio Fernandes Reinaldo¹, Rauany Jorge Esperandim¹, Rui Pedro Lopes², Lourival Aparecido Góis¹, Guataçara dos Santos¹ 1: Universidade Tecnológica Federal do Paraná, Brazil; 2: Instituto Politécnico de Bragança, Portugal</p>
5:00pm	End of Day 2	

Date: Saturday, 02/Dec/2017

**8:30am
-
6:00pm**

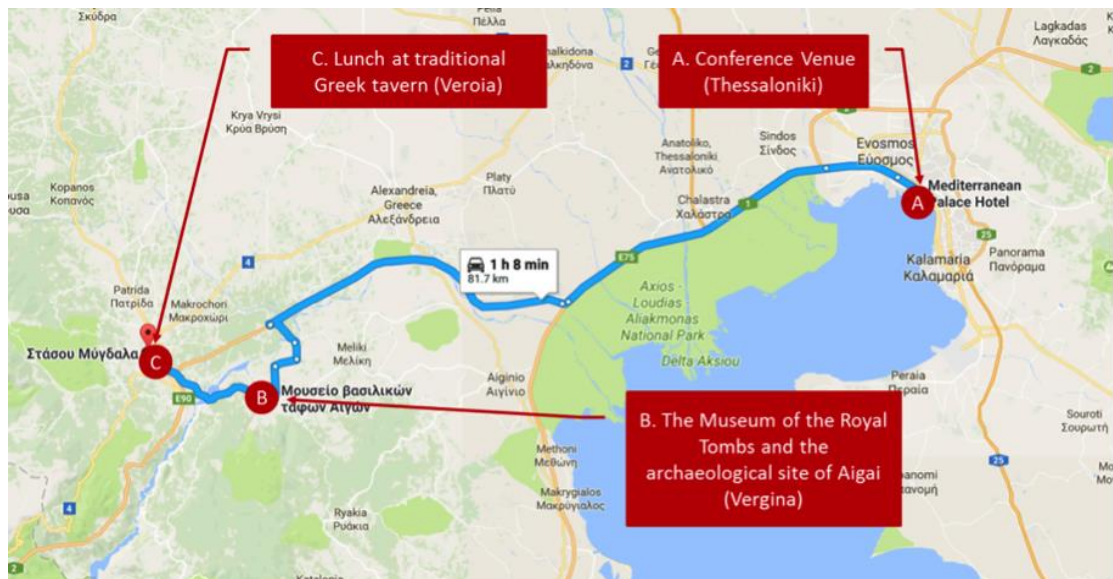
SP: Social Program: Half-day conducted tour in the Central Macedonia and visit to the Museum of the Royal Tombs of Aigai (Vergina)

Location: **Lobby of Mediterranean Palace Hotel**

Half-day (08:30-18:00) Conducted tour in Vergina and transportation from Thessaloniki-Vergina-Veroia-Thessaloniki by bus. Program:

1. Departure from Thessaloniki, in front of Mediterranean Palace Hotel (conference venue). Time: 08.30
2. Conducted visit to the Museum of the Royal Tombs and the archaeological site of Aigai (ticket included in the social program fee). Of particular note are the tombs of the royal dynasty, most notably King Philip II and a young prince who is identified as Alexander IV, and a cist grave. More information for Aigai and Royal Tombs.
3. Lunch at traditional Greek tavern in Veroia.
4. Arrival at Mediterranean Palace Hotel (conference venue). Time 18.00.
5. Cost: The fee for the social program is 90 Euros.

More details about the trip are available at the following map:



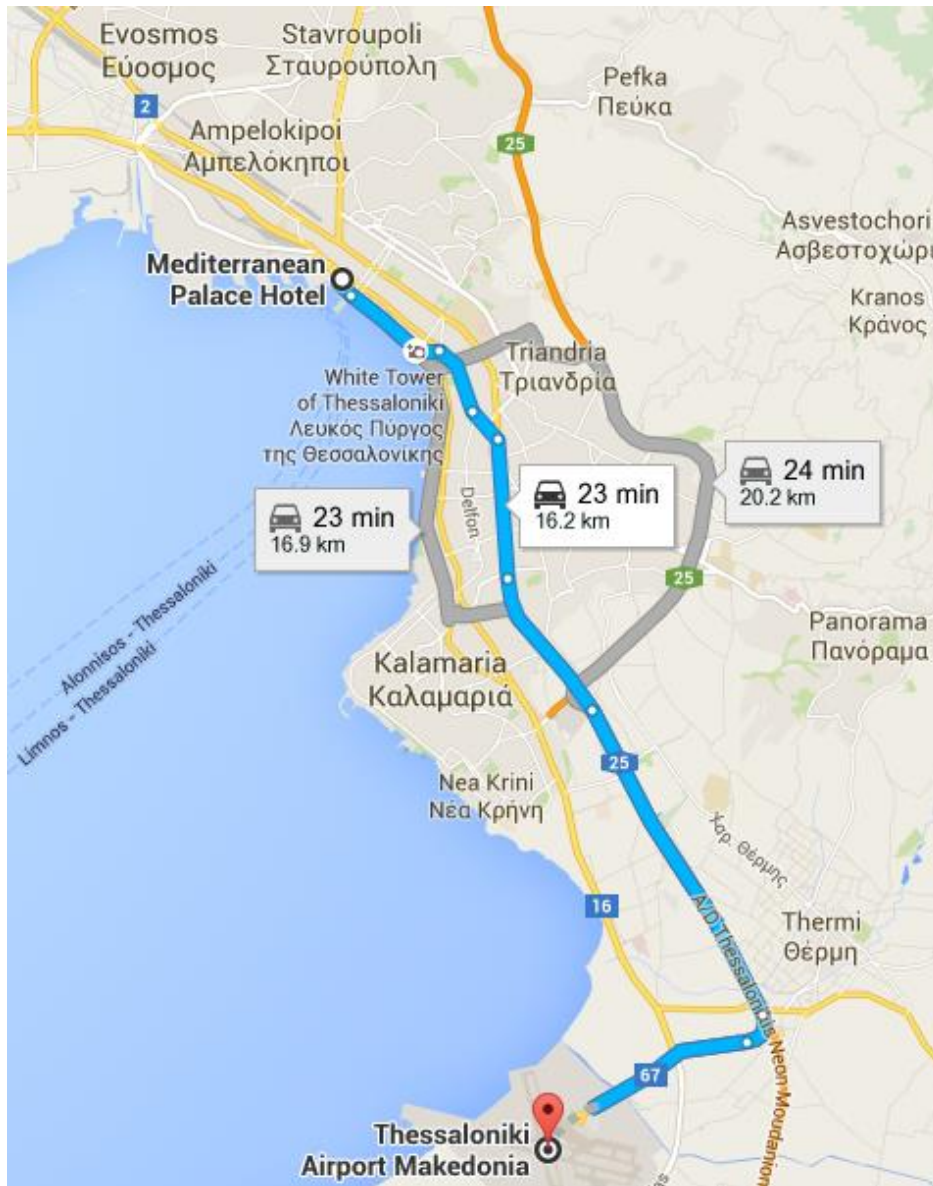
Presentation Guidelines

- **Papers:** Presentation time will be 15 minutes including questions and answers.
- **Posters:** The posters will be displayed the 1st day of the conference in the evening (during and just after the second coffee break). Each author is responsible for preparing his/her display. Stands (height: 94cm, width: 66cm.) and tape will be provided by the conference secretariat.
- The conference rooms will be equipped with wi-fi, laptops and LCD projectors. The presenters should come prepared with presentation on flash drives

How to reach the Conference Venue

All conference sessions, coffee and lunch breaks will be held at the **Mediterranean Palace Hotel**, Thessaloniki, Greece.

The participants, are advised to use this map: <https://goo.gl/maps/jVIA5> (also presented below), in order to find instructions for reaching the Mediterranean Palace Hotel from the Thessaloniki Airport "Makedonia".

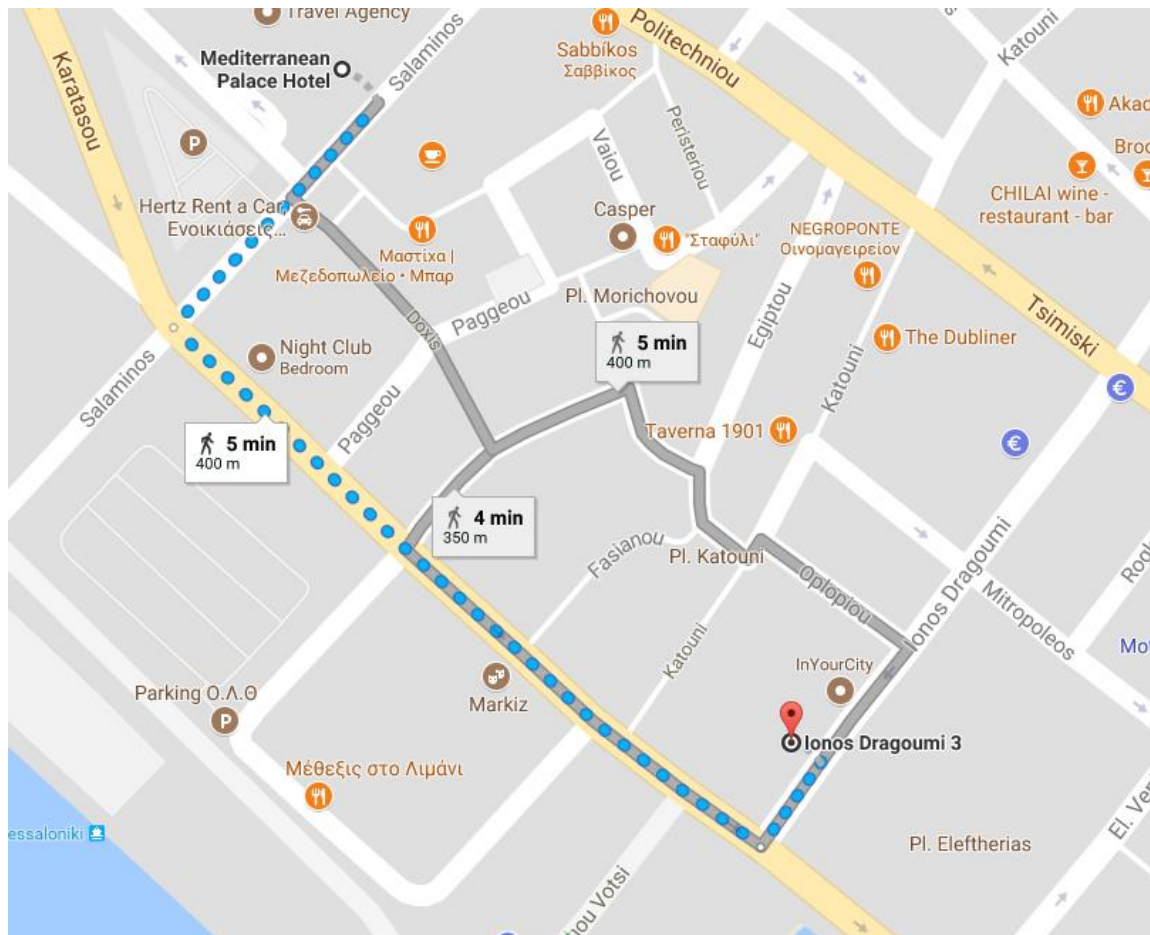


How to reach the Conference Dinner Venue

The conference dinner will be held at **Ionos (Ιωνός)** restaurant on **Thursday 30 November 2017 from 21:00 to 24:00**. Ionos restaurant is a quiet and relaxing place, 3 minutes walking distance from the conference venue! Participants will taste a menu with local dishes (non-pork dishes will be also included) and enjoy pleasant saxophone music.

During conference dinner, the **Best Paper Awards Ceremony** will be held.

The participants are advised to use the following map in order to find instructions for reaching the **Ionos (Ιωνός)** restaurant (address: 3 Ionos Dragoumi Str. Thessaloniki Greece):



Notes

A series of horizontal dotted lines for writing notes.

Notes

A series of horizontal dotted lines for taking notes.

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