

# 8th International Conference on Interactive Mobile Communication Technologies and Learning 2014 (IMCL 2014)



Organized by:





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13-14 November 2014, Thessaloniki, Greece

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4

# Special Session "Mobile Serious Games in Education (MSGE)" Program Committee

### Chair(s):

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Chair(s):

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### IMCL2014 – Keynotes

### Keynote 1: Ubiquitous Hands on Learning Using Mobile Laboratory Instrumentation

Yacob Astatke, Morgan State University, Baltimore, MD, USA



The use of technology in the classroom has greatly impacted engineering education during the last 20 years. The expansion of the internet and the use of computers, tablet pcs, smart boards, and other wired and wireless devices have proliferated throughout education. Today's students expect their instructors to create an active and engaged learning environment by delivering course content using more than one method (i.e. classroom lecture) so

that they can access it from anywhere at any time. The Electrical and Computer Engineering (ECE) department of Morgan State University, in collaboration with five other partner institutions has been testing a state of the art ECE laboratory equipment called the Mobile Studio I/O BoardTM and the newly released Analog DiscoveryTM boards to teach face-toface (F2F) and online ECE courses for the past four years. This talk will present the results collected by faculty members at the five institutions. It will illustrate how the changes towards student-centered learning facilitated by portable instrumentation increased student interest in ECE, built student confidence in their ability to design circuits and systems, and supported the development of deeper understanding of the theories that the students investigate or apply in the hands-on activities.

### Keynote 2: Designing Mobile Learning Activities in Museums and Sites of Culture

Nikos Avouris, University of Patras, Patras, Greece



This talk discusses theoretical and empirical work relating with designing activities for informal learning in museums and sites of culture through mobile games. As new locative media become part of our everyday life, it is argued that new kinds of mobile games facilitated by technology may change the experience of visiting a site of culture and produce new kinds of learning. We present examples of mobile games played in museums and discuss various ways through which learning may take place during game play. A distinction is made between the information consumption metaphor and a more participative way of experiencing culture. We also

discuss game design as an example of participatory activity and we identify its learning dimensions. In particular, we elaborate on the role of technology in providing a scaffold that can help museum audience to construct games which can function as "public artefacts" and can be added to the museum's assets, enhancing audience engagement and community buildina.

### Keynote 3: Would Socrates have used the iPad in Class? Or: How can we support the interactive learning process with current technologies?

**Clemens Cap,** University of Rostock, Rostock, Germany



The Greek philosopher Socrates is well-known for his famous teaching method. With the help of dialogues, asking and answering questions, he guided his students and led them to a fresh understanding of the subject he wanted to teach. Since Socrates, numerous technologies have been adopted to support the teaching process; they have been evaluated and used, and many have been dropped again. However, there is good reason to believe that with current mobile communication devices we are about to reach an important turning point in learning technology. The talk will provide three examples from the projects Tweedback, Mathepitorium and Multiscript to build on the socratic hypothesis that an optimal learning method requires the right hint by the right peers at the right

moment. This combination of social, topical and contextual elements can be provided efficiently by recent technology if it is used by a skillful teacher in the right manner. The required system design, however, goes beyond traditional and blended e-learning approaches and needs a particular combination of flexibility and structure.

# IMCL 2014 at a Glance

Time Slots	Thursday, 13 Nov 2014			Friday, <sup>2</sup>	14 Nov 2014	Saturday, 15 Nov 2014
9:00am – 5:00pm	Registration		Reg	istration		
9:00am – 9:30am	OC: Opening Ceremony			K282: Ko	ynotes 2 and 3	
9:30am - 11:00am	K1: Keynote 1				ynoles 2 and 5	
11:00am - 11:30am	Coffee Break			Coff	ee Break	Social Program
11:30am – 1:00pm	MC	C 1	OL + ML 1	MC 3 MC 4		(9:00am - 5:00pm)
1:00pm _ 2:00pm	Lunch		1	L	unch	
2:00pm _ 3:30pm	MC	02	OL + ML 2	MLCIOS	MC 5	
3:30pm _ 5:00pm	MHCT 1		MSGE 1	MSGE 2	ICT-EIML	
5:00pm - 5:30pm	Coffee Break			Coff	ee Break	
5:00pm _ 6:30pm	MHCT 2	MLCCE	Posters	MsM'2014	DSSOP	
6:30pm	End of Day 1					
7:00pm – 8:00pm					∟earning in a useum	
8:00pm				End	of Day 2	
8:00pm _ 11:30pm	C	Conference	Dinner			

# **Presentation Guidelines**

- **Papers**: Presentation time will be 15 minutes plus 5 minutes for questions.
- Posters: The posters will be displayed the 1<sup>st</sup> 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 laptops and LCD projectors. The presenters should come prepared with presentation on flash drives.

# IMCL 2014 Program

IMCL 2014 program is also available for mobile devices through the **eventor application**. To download the mobile app, please visit http://www.eventor.mobi/en/home.html or simply type 'eventor' in Google Play and iTunes App Store.

	rsday, 13/Nov/2014	
9:00am -	Registration Location: IMCL Reception & Posters Area	
5:00pm		
9:00am - 9:30am	<ul> <li>OC: Opening Ceremony Location: Room A - "Zeus" Hall Chair: Michael E. Auer, Carinthia Tech Institute Chair: Thrasyvoulos Tsiatsos, Aristotle University of Thessald <ul> <li>Welcome by the IMCL 2014 General Chair: Michae</li> <li>Welcome by the Vice-Chairman of the School of Ir</li> <li>Thessaloniki, Greece</li> </ul> Welcome by the IMCL 2014 Conference Chair: Thessaloniki, Greece</li></ul>	el E. Auer, Carinthia Tech Institute, Austria nformatics: Eleftherios Angelis, Aristotle University of
9:30am	K1: Keynote 1	
- 11:00am	Location: Room A - "Zeus" Hall Chair: Michael E. Auer, Carinthia Tech Institute Keynote 1: Ubiquitous Hands on Learning Using Yacob Astatke, Morgan State University, Baltimore,	
11:00am	Coffee Break	
- 11:30am		
11:30am	MC 1: Main Conference 1	OL + ML 1: Special Session "Online Labs and
- 1:00pm	Location: <b>Room A - "Zeus" Hall</b> Chair: <b>Helen Karatza</b> , Aristotle University of Thessaloniki	Mobile Learning" - Part 1 Location: Room B - "Ifigenia" Hall Chair: Samir Akhrouf, University of Bordj Bou
	Designing eBook Interaction for Mobile and Contextual Learning	Arreridj/eSience Tempus Project Partner Chair: <b>Thomas Zimmer</b> , University of Bordeaux
	José Bidarra <sup>1</sup> , Mauro Figueiredo <sup>2</sup> , Carlos Natálio <sup>1</sup> 1: Open University, Portugal; 2: University of Algarve, Portugal	Remote lab experiments for take away <u>Thomas Zimmer</u> , Michel Billaud, Marylou Pic, Didier Geoffroy
	Clarifying the digital content output formats for mobile learning in higher education Natalia Spyropoulou <sup>1</sup> , Ioannis Karathanasis <sup>1</sup> , Christos Pierrakeas <sup>1,2</sup> , Achilles Kameas <sup>1</sup> 1: Educational Content, Methodology and Technology Laboratory (e-CoMeT Lab), Hellenic Open University,	University of Bordeaux, France Implementation of online optoelectronic devices course and remote experiments in UC1 iLab Saida Rebiai, Nour El Houda Touidjen, Smail Mouissat
	Greece; 2: Dept. of Business Administration, Technological Educational Ins titute (TEI) of Western Greece	University Constantine 1 (UC1), Algeria
	Piloting the 'Talking Tools' Smartphone App: Validating Blog Content Analysis with Students' Reflections Annika Wiklund-Engblom <sup>1</sup> , Kasper Hiltunen <sup>1</sup> , Juha Hartvik <sup>1</sup> , Mia Porko-Hudd <sup>1</sup> , Marléne Johansson <sup>1,2,3</sup> 1: Abo Akademi University, Finland; 2: University of Gothenburg, Sweden; 3: Telemark University College, Norway	<ul> <li>Developing a remote laboratory for heat transfer studies</li> <li><u>Ridha Ennetta</u>, Ibrahim Nasri</li> <li>Institut Supérieur des Systèmes Industriels de Gabès (ISSIG), Tunisia</li> </ul>
		Online Temperature Control System Ikhlef Ameur university Constantine 1, Algeria
	Location-based Mobile Application Creator: Creating Educational Mobile Scavenger Hunts Johanna Pirker <sup>1</sup> , <u>Christian Gütl</u> <sup>1,2</sup> , Patrick Weiner <sup>1</sup> , Victor Garcia Barrios <sup>3</sup> , Melanie Tomintz <sup>3</sup> 1: Graz University of Technology, Austria; 2: Curtin	Development and implementation of an e- course and a remote laboratory for analogical electronic study <u>Farida Hobar</u> , Lemia Semra UNIVERSITY CONSTANTINE 1, Algeria
	University, Perth, Western Australia; 3: Carinthia University of Applied Sciences, Austria	Remote laboratory via Interactive Mobile

		Technology
		Abderrahmane Adda Benattia, Abdelhalim
		Benachenhou University of Mostaganem, Algeria
1:00pm	Lunch	······································
- 2:00pm		
2:00pm	MC 2: Main Conference 2	OL + ML 2: Special Session "Online Labs and
2.00pm -	Location: Room A - "Zeus" Hall	Mobile Learning" - Part 2
3:30pm	Chair: <b>Stavros Demetriadis</b> , Aristotle University of Thessaloniki	Location: Room B - "Ifigenia" Hall Chair: Thomas Zimmer, University of Bordeaux Chair: Andreas Pester, CUAS
	Investigating Attack Vectors in M-learning	
	Systems in Nigerian Universities	Remote Laboratory in Electronic Field in
	Shaibu Adekunle Shonola, Mike Joy	eSience Project
	University of Warwick, United Kingdom	Hassene Mnif
		ENET'COM, Tunisia
	Complementing Formal Learning with Mobile	
	Technology Outside the Classroom	Success Factors of Online Learning Videos
	Sinini Paul Ncube, Hussein Suleman	Safak Korkut, Rolf Dornberger, Prajakta Diwanji, Bindu Puthur, Michael Maerki
	University of Cape Town, South Africa	Fachhochschule Nordwestschweiz, Switzerland
	Young Language Learners' Collaborative	
	learning and Social Interaction as a	UC1 Oscillator remotelab for distant electronics education
	Motivational Aspect of the iPad	
	Mona Abdullah Alhinty	Saida Latreche, Zehira Ziari, Smail Mouissat Université Constantine1, Département d'Electroniqu
	University of Sheffield, United Kingdom	Algeria
	Learning out of the class: Creating e-Courses	From Local Teaching To Distant Teaching
	for mobile devices	Through IoT Interoperability
	Ilona-Elefteryja Lasica <sup>1</sup> , <u>Stavros Pitsikalis</u> <sup>2</sup>	Manel Lamri, Samir Akrouf, <u>Abdelhak Boubetra</u> ,
	1: N.C.S.R Demokritos, Greece; 2: General Secretariat for Lifelong Learning	Adel Merabet, Larbi Selmani, Djamel Boubetra
		University of Bordj Bou Arreridj, Algeria
		Design of exchangeable experimentation
		data format and protocol for Online Labs
		with emphasis on Mobile Learning
		Ayoub Maza <sup>1</sup> , Samir Akhrouf <sup>2</sup> , Adel Merabet <sup>2</sup> , Abdelhak Boubetra <sup>2</sup> , Djamel Boubetra <sup>2</sup> , <u>Larbi</u> Selmani <sup>2</sup> , Foudil Belhadj <sup>2</sup>
		1: ALCOMSYS, Bordj Bou Arreridj, Algeria; 2:
		University of Bordj Bou Arreridj, Algeria
		Online laboratory in Digital Electronics using NI ELVIS II+
		Naddami Ahmed, Fahli Ahmed, Gourmaj Mourad Moussetad Mohammed
		The Polydisciplinary Faculty in Khouribga, Morocco
3:30pm -	MHCT 1: Special Session "Mobile Health Care and Training" - Part 1	MSGE 1: Special Session "Mobile Serious Game in Education" Part 1
5:00pm	Location: <b>Room A - "Zeus" Hall</b> Chair: <b>Panagiotis Bamidis</b> , Aristotle University of Thessaloniki Keynote "Health Games on the Move: An overview on	Location: Room B - "Ifigenia" Hall Chair: Petros Lameras, Coventry University
	state of the art in European games for health" by Lucia Pannese and presentations of 4 papers.	A dynamic role-playing platform for simulations in legal and political education
	WHAAM: A mobile application for ubiquitous monitoring of ADHD behaviors	Daphne Economou <sup>1</sup> , Ioannis Doumanis <sup>2</sup> , Vassilil Bouki <sup>1</sup> , Frands Pedersen <sup>1</sup> , Paresh Kathrani <sup>1</sup> ,
	Dimitris G Spachos <sup>1</sup> , Giuseppe Chiazzasse <sup>2</sup> ,	Markos Mentzelopoulos <sup>1</sup> , Nektarios Georgalas <sup>3</sup>
	Dimitris G Spacnos <sup>*</sup> , Gluseppe Chiazzasse <sup>*</sup> , Gianluca Merlo <sup>2</sup> , Gavin Doherty <sup>3</sup> , Antonella Chifari <sup>2</sup> , Panagiotis Bamidis <sup>1</sup>	1: University of Westminster; 2: truetube; 3: British Telecom
	1: Aristotle University of Thessaloniki, Greece; 2:	

Date: Thu	rsday, 13/Nov/2014		
Date: Thu	rsday, 13/Nov/2014 Istituto per le Tecnologie Didattiche, Italy; 3: Trinity College Dublin, Ireland Digital Forgetting in the Age of On-line Media: The Forensics for Establishing a Comprehensive Right to Cyber-Oblivion <u>Dionysios B Politis</u> , Ioannis Igglezakis Aristotle University of Thessaloniki, Greece	The ALICE experience - A learning framework to promote gaming literacy for educators and its refinement <u>Nektarios P. Moumoutzis</u> , Marios Christoulakis, Andreas Pitsiladis, Giannis Sifakis, Giannis Maragkoudakis, Stavros Christodoulakis Laboratory of Distributed Information Systems and Applications, Technical University of Crete, Greece	
	Pedagogy of mobile augmented reality in health education Egui Zhu <sup>1,2</sup> , Nabil Zary <sup>1</sup> 1: Karolinska Institutet, Sweden; 2: Hubei University, China	Serendipitous Learning & Serious Games: A Pilot Study <u>Wayne Gallear</u> , Petros Lameras, Craig Stewart Coventry University, United Kingdom	
	Using mobile applications in continuing medical education <u>Dimitris G Spachos</u> , Dimitrios Hatzichristou, Panagiotis Bamidis	Raising Awareness on Sustainability Issues through a Mobile Game <u>Petros Lameras</u> , Panos Petridis, Ian Dunwell Coventry University, United Kingdom	
	Aristotle University of Thessaloniki, Greece	<b>iServe: A Serious Game for Servitization</b> <u>Panagiotis Petridis</u> <sup>1</sup> , Victoria Uren <sup>1</sup> , Tim Baines <sup>1</sup> , <u>Petros Lameras</u> <sup>2</sup> , Charn Pisithpunth <sup>2</sup> , Victor <u>Guang Shi</u> <sup>3</sup> 1: Aston Business School, Aston University, Birmingham,UK; 2: The Serious Games Institute, Coventry University, Coventry, UK; 3: Advanced Manufacturing Research Centre (AMRC), University of Sheffield	
5:00pm	Coffee Break	of Shemeid	
- 5:30pm			
5:00pm	P: Posters		
- 6:30pm	Location: IMCL Reception & Posters Area Ethical issues concerning Self Regulated Learning and Nearest Neighbor Learning Jenny Pange, Athanasios Sypsas University of Ioannina, Greece		
	Determination of resonance frequency and est vibrations modules using remote lab <u>Ibrahim Nasri</u> <sup>1</sup> , Ridha Ennetta <sup>2</sup> 1: Institut Supérieur des Systèmes Industriels de Gabès Industriels de Gabès, Tunisia		
	Remote Laboratory for Control Process Practi Hassene Mnif ENET'COM, Tunisia	cal Course in eSience Project	
	A Classification of Mobile Learning Application Higher Education Students in India <u>Mujib Abbas Tamboli</u> AIKTC,Panvel,India	ns from a Usability Perspective: Study of	
	Computer Games and Ethical Issues Aspa Lekka, <u>Maria Sakellariou</u> University of Ioannina, Greece		
5:30pm - 6:30pm	MHCT 2: Special Session "Mobile Health Care and Training" - Part 2 Location: Room A - "Zeus" Hall Chair: Dimitris G Spachos, Aristotle University of Thessaloniki Chair: Evdokimos I Konstantinidis, Aristotle University of	MLCCE: Special Session "Combining Mobile Learning & Cloud Computing in Education" Location: Room B - "Ifigenia" Hall Chair: Despo Ktoridou, University of Nicosia	

Date: Thu	rsday, 13/Nov/2014	
Date: Thu	<ul> <li>Thessaloniki System demos with hands on for users/attendants and evaluation: <ol> <li>Health Games on the Move</li> <li>The Virtual Emergency TeleMedicine (VETM) game</li> <li>WMA: mobile app for monitoring ADHD</li> <li>LLMcare apps: mobile apps for training mind and body of elderly persons</li> </ol> </li> </ul>	Understanding Young Cypriots Smartphone Apps Utilization: Extend and Frequency         Despo Ktoridou, Soula Louca         University of Nicosia, Cyprus         The Use of Smartphones among students in relation to their Education and Social Life         Ria Nicoletti Morphitou         University of Nicosia, Cyprus         Designing Learning Experiences that Tap into What Students Value: An Unbiquitus, Cloud-based, Studentt-Centered Learning enviroment         Despo Ktoridou         University of Nicosia, Cyprus         Online Teaching – A Comparison of On- Ground, Online, & Facebook-linked Teaching         Eugene de Silva <sup>1</sup> , Eugenie Carys de Silva <sup>2</sup> 1: Virginia Research Institute, United States of America; 2: Department of Politics, University of Leicester, Leicester, England         Investigating Smartphone and Smartphone- Apps Utilization: A survey among Cypriot University Students
		Charalambos Christou University of Nicosia, Cyprus
8:00pm - 11:30pm	Conference Dinner Location: La Place Mignonne Conference Dinner at La Place Mignonne, the Best Pap	er Awards Ceremony will be held
	Please see "How to reach the Conference Dinner Venue	-

9:00am	iday, 14/Nov/2014 Registration		
-	Location: IMCL Reception & Posters Area		
5:00pm			
9:00am - 11:00am	K2&3: Keynotes 2 and 3 Location: Room A - "Zeus" Hall Chair: Thrasyvoulos Tsiatsos, Aristotle University of Thessaloniki		
	Keynote 2: Designing Mobile Learning Activities in Nikos Avouris, University of Patras, Patras, Greece	Museums and Sites of Culture	
	Keynote 3: Would Socrates have used the iPad in Or: How can we support the interactive learning pu Clemens Cap, University of Rostock, Rostock, Germa	rocess with current technologies?	
11:00am -	Coffee Break		
11:30am			
11:30am -	MC 3: Main Conference 3 Location: Room A - "Zeus" Hall	MC 4: Main Conference 4 Location: Room B - "Ifigenia" Hall	
1:00pm	Chair: Daphne Economou, University of Westminster	Chair: Dionysios B Politis, Aristotle University of Thessaloniki	
	Designing a mobile bio-feedback device to support learning activities	A Pilot Study of Quizlt: the New Android Classroom Response System	
	<u>Hippokratis Apostolidis</u> , Panagiotis Stylianidis Aristotle University of Thessaloniki, Greece	Anastasios Karakostas <sup>1</sup> , Dimitra Adam <sup>2</sup> , Dimitra Kioutsiouki <sup>3</sup> , Stavros Demetriadis <sup>4</sup> 1: Aristotle University of Thessaloniki, Greece; 2:	
	Development of Professional Competencies in the Teaching of Engineering	Aristotle University of Thessaloniki, Greece; 3: Aristotle University of Thessaloniki, Greece; 4: Aristotle Universit of Thessaloniki, Greece	
	Mario Edelmiro Antunez <sup>1</sup> , Maria Kolb Koslosky <sup>2</sup> , Veronica Marina Longobardi <sup>3</sup> 1: Universidad Tecnológica Nacional, Facultad Regional Delta Argentine Republic; 2: Universidad Tecnológica	Mobile Technologies Supporting Research Approach in Teaching and Learning, weSPOT	
	Nacional, Facultad Regional Delta Argentine Republic; Universidad Tecnológica Nacional, Facultad Regional Delta Argentine Republic	inquiry-based study Elitsa Vasileva Peltekova, Dafinka Savova Miteva, Eliza Petrova Stefanova	
		Sofia University "St. Kliment Ohridski", Bulgaria	
	Teaching Geography with the use of ICT		
	Despina M. Garyfallidou, <u>George S. Ioannidis</u> University of Patras, Greece	Influences on the Adoption of Mobile Learning in Saudi Women Teachers in Higher Education Leena Ahmad Alfarani	
	Determining the benefits of Social Media support in Lecturing	University of Leeds, United Kingdom, King Abdul Aziz University, Jeddah, Saudi Arabia.	
	Ulrike Borchardt, Jonas Vetterick, <u>Clemens H. Cap</u> University of Rostock, Germany	Dialectic & Reconstructive Musicality: Stressing the Brain-Computer Interface	
		Dionysios B Politis <sup>1</sup> , Miltiadis Tsaligopoulos <sup>1</sup> , Georgios Kyriafinis <sup>2</sup>	
		1: Aristotle University of Thessaloniki, Greece; 2: 1st Clinic, AHEPA University Hospital	
1:00pm -	Lunch	1	
2:00pm			
2:00pm -	MLCIOS: Special Session "Mobile Learning in Cultural Institutions and Open Spaces"	MC 5: Main Conference 5 Location: Room B - "Ifigenia" Hall	
3:30pm	Location: Room A - "Zeus" Hall Chair: Nikolaos Avouris, University of Patras Chair: Nikoleta Yiannoutsou, HCI Group University of Patras	Chair: Christian Guetl, Graz University of Technology Mobile Learning Security Concerns from	
	On establishing contact with cultural objects:	University Students' Perspectives	
	The role of a location based game in supporting visitors to engage with	Shaibu Adekunle Shonola, Mike Joy University of Warwick, United Kingdom	
	<b>contemporary art</b> <u>Nikoleta Yiannoutsou</u> <sup>1</sup> , Stela Anastasaki <sup>2</sup> , Christina Mavini <sup>2</sup> , Vasiliki Manoli <sup>1</sup> , Evangelia Dimaraki <sup>1</sup> , Nikolaos Avouris <sup>1</sup> , Christos Sintoris <sup>1</sup>	The Readiness of applying m-learning among Saudi Arabian Students at Higher Education	

Date: Fr	iday, 14/Nov/2014	
	1: HCI Group University of Patras, Greece; 2: Macedonian Museum of Contemporary Art	<u>Sulaiman Almutairy</u> , Trevor Davies, Yota Dimitriadi Institute of Education, University of Reading, United Kingdom
	Do you remember that building? Exploring old Zakynthos through an locationaugmented reality mobile based game Dimitris Chalvatzaras <sup>1</sup> , Nikoleta Gianoutsou <sup>2</sup> , Nikolaos Avouris <sup>2</sup> SoFar.gr, Greece; 2: University of Patras HClgroup	variPiano <sup>™</sup> : a Parametric Design variable Piano - Visualizing a Differential Tuning Mobile Interface <u>Dionysios B Politis</u> <sup>1</sup> , Georgios Piskas <sup>1</sup> , Miltiadis Tsaligopoulos <sup>2</sup> , Georgios Kyriafinis <sup>2</sup> 1: Aristotle University of Thessaloniki, Greece; 2: A' st
	Data sources composition to support learning activities at Cultural Heritage sites <u>Carmelo Ardito</u> , Maria Francesca Costabile, Rosa Lanzilotti, Cosimo Resina University of Bari Aldo Moro, Italy	AHEPA University of Messaloniki, Orecce, 2: A st AHEPA University Hospital Clinic, Thessaloniki Encouraging Students Participation in the Classroom by Taking Advance of Mobile Devices and Ad Hoc Networks Rocío Andrea Rodríguez, Pablo Martín Vera, Daniel
	TaggingCreaditor: A tool to create and share content for location-based games for learning         Christos Sintoris <sup>1</sup> , NIkoleta Yiannoutsou <sup>1</sup> , <u>Alejandro Ortega-Arranz</u> <sup>1,2</sup> , Rodrigo López-Romero <sup>1,2</sup> , Menita         Masoura <sup>1</sup> , Nikolaos Avouris <sup>1</sup> , Yannis Dimitriadis <sup>2</sup> 1: HCl Group, University of Patras, Greece; 2: GSIC-EMIC, Universidad de Valladolid, Spain	Alberto Giulianelli, Federico Ezequiel Valles, Mariano Gastón Dogliotti, Gabriela Yanina Valles, Graciela Susana Cruzado UNLaM, Argentine Republic Adaptive eBook Alexiei Dingli, Christabel Cachia
	SoundscapesLandscapes: Sound and Video Art in an Urban Installation <u>Tim Ward</u> Medea Electronique, Greece	University of Malta, Malta
	Enhancing citizens'environmental awareness through the use of a mobile and pervasive urban computing system supporting smart transportation Dimitris Charitos <sup>1</sup> , <u>louliani Theona<sup>2</sup></u> , Charalampos Rizopoulos <sup>1</sup> , Katerina Diamantaki <sup>1</sup> , Vassileios Tsetsos <sup>3</sup> 1: National and Kapodistrian University of Athens,	
0.00	Greece; 2: National Technical University of Athens, Greece; 3: Mobics Ltd., Athens, Greece	
3:30pm - 5:00pm	MSGE 2: Special Session "Mobile Serious Games in Education" Part 2 Location: Room A - "Zeus" Hall Chair: Petros Lameras, Coventry University	ICT-EIML: Special Session "ICT Use and Ethical Issues in Mobile Learning" Location: Room B - "Ifigenia" Hall Chair: Jenny Pange, University of Ioannina
	"Gamification" and Legal Education A Game Based Application for Teaching University Law Students	Identification of plagiarism by Greek higher education students. Do I cheat?
	Vassiliki Bouki, <u>Daphne Economou</u> , Paresh Kathrani University of Westminster, United Kingdom	Eugenia I Toki <sup>1</sup> , Dionysios C Tafiadis <sup>1,2</sup> 1: Technological Educational Institute (TEI) of Epirus, Greece; 2: University of Ioannina, Greece
	Human Computer Interaction using Gestures for Mobile Devices and Serious Games: A Review Sotirios Spanogianopoulos <sup>1</sup> , Markos Mentzelopoulos <sup>2</sup> , Konstantinos Sirlantzis <sup>1</sup> , Aristidis Protopsaltis <sup>3</sup>	Exploring Secondary Education Teachers' views on Plagiarism and Cheating <u>Athanasios Sypsas</u> , Aspa Lekka University of Ioannina, Greece
	1: University of Kent (Canterbury), United Kingdom; 2: University of Westminster, United Kingdom; 3: Institut für Lern-Innovation, FAU Erlangen-Nürnberg, Germany	Plagiarism in Higher Education: The Academics' Perceptions Rodanthi Tsoni <sup>1</sup> , Antonis Lionarakis <sup>2</sup>
	A quiz-based game for addressing growing population issues: Linking learning mechanics to THE GROWTH serious game	1: University of Ioannina, Greece; 2: Hellenic Open University

Date: Fri	iday, 14/Nov/2014	
Datorrin	Charn Pisithpunth	
	Coventry University, United Kingdom	
	<b>Teaching Entrepreneuship Using Serious</b> <b>Games in a Web 2.0 environment</b> <u>Aristidis Protopsaltis<sup>1</sup>, Spiros Borotis<sup>2</sup>, Thomas</u> <b>Connolly<sup>3</sup>, Thomas Hainey<sup>3</sup></b> 1: Friedrich-Alexander-Universität, Germany; 2: Menon	
	Network EEIG; 3: University of the West of Scotland Game-based Lifestyle Interventions for Adolescents: An Evidence-based Approach	
	lan Dunwell, Kate Torrens, Samantha Clarke, Stella Doukianou Coventry University, United Kingdom	
5:00pm	Coffee Break	
- 5:30pm		
5:30pm -	MsM'2014: Special Session "Motivating Students with Mobiles"	DSSOP: Special Session "Digital Systems and Services for Opening up Education"
6:30pm	Location: Room A - "Zeus" Hall Chair: Stavros A. Nikou, University of Macedonia	Location: <b>Room B - "Ifigenia" Hall</b> Chair: <b>Demetrios Sampson</b> , University of Piraeus Chair: <b>Panagiotis Zervas</b> , University of Piraeus & CERTH
	Motivating K-12 students learning fundamental Computer Science concepts with App Inventor Giorgos Chatzinikolakis, <u>Spyros Papadakis</u>	Supporting School ICT Uptake: The ASK School ICT Competence Management System <u>Stylianos Sergis<sup>1,2</sup>, Indrit Sholla<sup>1</sup>, Panagiotis</u>
	Open University of Cyprus	Zervas <sup>1,2</sup> , Demetrios G. Sampson <sup>1,2</sup>
	A model for Mobile-based Assessment adoption based on Self-Determination Theory of Motivation	1: Department of Digital Systems, University of Piraeus; 2: Information Technologies Institute, Centre for Research and Technology Hellas
	<u>Stavros A. Nikou</u> , Anastasios A. Economides University of Macedonia, Greece	COLearn and Open Discovery Space Portal alignment - A case of enriching open learning insfrastures with collaborative learning
	Greek teachers' perceptions of Mobile Learning. <u>Tharrenos Bratitsis</u> , Marina Kandroudi University of Western Macedonia, Greece	capabilities George Stylianakis, <u>Nektarios Moumoutzis</u> , Polyxeni Arapi, Manolis Mylonakis, Stavros Christodoulakis Laboratory of Distributed Multimedia Information Systems and Applications, Technical University of Crete, Greece
		Apps versus Demonstrations Experiments - Improvement of Quality of Physics Teaching in Secondary Education by the Use of Tablets <u>Manfred Lohr</u> BG/BRG Schwechat, Austria
		Peer-based Webinars to Scaffold Inquiry Based Narratives: The Inspiring Science Education Approach
		Yvonne Crotty <sup>1</sup> , Marian Lowry <sup>1</sup> , Margaret Farren <sup>1</sup> , Vincent English <sup>2</sup> 1: Dublin City University, Ireland; 2: Vernier (Europe)
7:00pm - 8:00pm	Mobile Learning in a Museum: The Tangling game at the Location: Macedonian Museum of Contemporary A The conference participants are invited to visit the Macedonew educational activity through the mobile game Tangling with the curators and game designers!	he Macedonian Museum of Contemporary Art rt onian Museum of Contemporary Art (MMCA) and try the g. Have fun explore the exhibition of MMCA and discuss
	Participants should mention at the entrance of the Internat IMCL2014 conference (have your conference badge availa Please see "How to reach the Macedonian Museum of Co	able upon request).

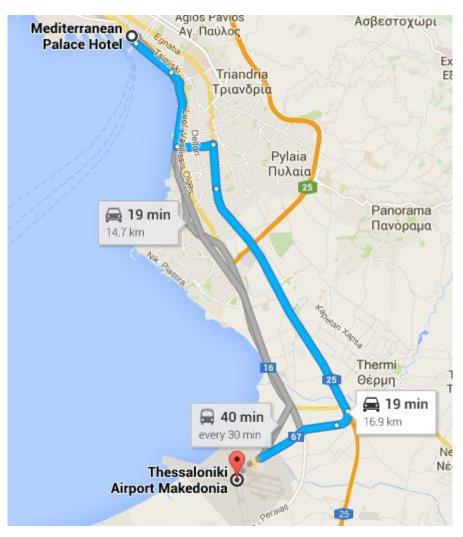
9:00am	Social Program		
-	Location: Lobby of Mediterranean Palace Hotel		
5:00pm	Half-day tour in the Central Macedonia and a visit to the Museum of the Royal Tombs of Aigai (Vergina):		
	<ol> <li>Conducted tour and transportation from Thessaloniki-Vergina-Thessaloniki by bus. Vergina, is a village, 75 km from Thessaloniki. It has enjoyed worldwide renown in the past few decades, owing to the discovery there of the ancient city of Aigai, the ancient capital of the Macedonian kings, and its cemetery.</li> </ol>		
	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 Tobs		
	3. Visit and lunch in the local winery "ESTATE CHRISOCHOOU":		
	Tour in the spaces of wine factory		
	Wine tasting		
	Lunch		

### 8th International Conference on Interactive Mobile Communication Technologies and Learning 2014 16

# How to reach the Conference Venue

All Conference Sessions, Coffee and Lunch breaks will be held at the **Mediterranean Palace Hotel**, Thessaloniki, Greece.

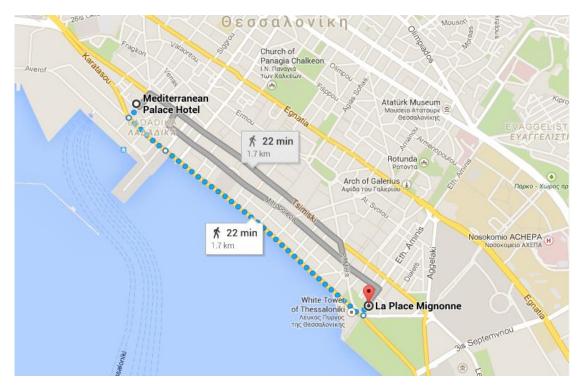
The participants, are advised to use this map: https://goo.gl/maps/jVIA5 (also presented below), in order to find instructions for reaching the Mediterranean Palace Hotel from the Thessaloniki Airport "Makedonia".



## How to reach the Conference Dinner Venue

The Conference Dinner will be held at **La Place Mignonne** on Thursday 13 November 2014 from 20:00 to 23:30. La Place Mignonne is a quiet and relaxing place in the city centre by the White Tower! Participants attending the conference dinner will taste a menu with local dishes. Vegeterian and non-pork dishes will be also included. Moreover, during Conference Dinner at La Place Mignonne, the **Best Paper Awards Ceremony** will be held.

The participants, are advised to use this map: https://goo.gl/maps/m4Uoh (also presented below), in order to find instructions for reaching the La Place Mignonne.



### More info:

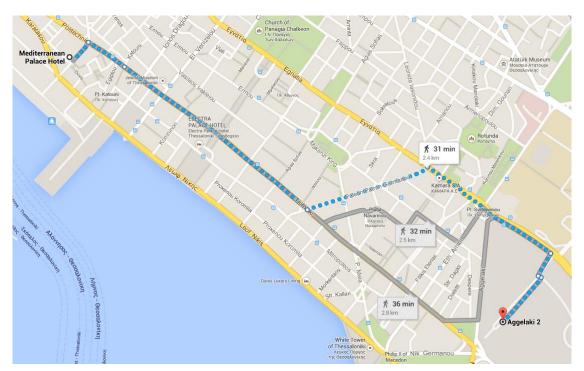
- Address: Ethnikis Aminis 4
- http://www.laplacemignonne.gr

## How to reach the Macedonian Museum of Contemporary Art

The event **"Mobile Learning in a Museum: The Tangling game at the Macedonian Museum of Contemporary Art"** will be held at the Macedonian Museum of Contemporary Art (MMCA) on Friday 14 November 2014 from 19:00 to 20:00.

The conference participants are invited to visit the Macedonian Museum of Contemporary Art and try the new educational activity through the mobile game Tangling. Have fun explore the exhibition of MMCA and discuss with the curators and game designers. Participants should mention at the entrance of the International Fair that they are visiting as attendants of the IMCL2014 conference (have your conference badge available upon request).

The participants, are advised to use this map: https://goo.gl/maps/GVikI (also presented below), in order to find instructions for reaching the Macedonian Museum of Contemporary Art.



#### More info:

- Address: Egnatia 154 (on the grounds of Thessaloniki International Fair)
- Web: www.mmca.org.gr













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