

**Friday, 06 April 2012**

**F**riday, April 06, 2012 7:00-8:30

**Registrations**

**F**riday, April 06, 2012 8:30-09:00

**Opening**

*AMPHITHEATER I, Ground Hall*

Panos Bamidis / Terry Poulton, Conference Chairs

Ioannis Mylopoulos, Rector, Aristotle University of Thessaloniki

Vassilis Tarlatzis, Dean, Medical School, AUTH

Nicos Maglaveras, Director, Lab of Medical Informatics, Medical School AUTH

**F**riday, April 06, 2012 09:00-09:30

**Keynote**

Educational Theories and Pedagogies Space

*AMPHITHEATER I, Ground Hall*

*Chair: Stylianos Hatzipanagos*

*Epistemological and didactical foundation for Technology Enhanced Learning*

Nicolas Balacheff, Grenoble Computer-science Laboratory, CNRS, France

**F**riday, April 06, 2012 09:30-11:00

## Educational Theories and Pedagogies Space

AMPHITHEATER I, Ground Hall  
Chair: Barry Eaglestone

### Can emergent learning technologies support the transformation of medical 'training' into medical education?

Stylios Hatzipanagos, King's Learning Institute, King's College, University of London

### Emerging Learning in Multi-lingual Environments

Iraklis Paraskakis, South-East European Research Centre, GR

### Dynamic Learning Maps, an overview and demonstration of a unique curriculum delivery system

Suzanne Hardy, Tony McDonald and Simon Cotterill

### Facilitating the design and enactment of Moodle based medical training activities using the CADMOS tool

Symeon Retalis, Department of Technology Education and Digital Systems, University of Piraeus, GR

### Educeiology: the "Epidemiology" of Medical Learning Resources

Panos Bamidis, Aristotle University of Thessaloniki, GR

11:00-11:20  
Coffee Break

**F**riday, April 06, 2012 11:20-11:50

## Keynote

Web2.0 and Social Media Space  
AMPHITHEATER I, Ground Hall  
Chair: Margaret Hansen

### *The use of social media to disseminate and filter new research findings*

Gunther Eysenbach, Editor & Publisher, Journal of Medical Internet Research (www.jmir.org), & Prof. Department of Health Policy, Management and Evaluation, University of Toronto, Canada

**F**riday, April 06, 2012 11:50-13:10

## Web2.0 and Social Media Space

AMPHITHEATER I, Ground Hall  
Chair: Iraklis Paraskakis

### Web2.0 and Social Media in Medical Education

Peter J Murray, CEO, International Medical Informatics Association

### Integrating Education, Research and Human Caring via Web 2.0 for Healthcare Professionals

Margaret Hansen, University of California at San Francisco, US

### Online videos for health education

Luis Fernandez Luque, University of Tromso, Norway

### An information behaviour framework for informed and involved patients for clinical decisions: the role of Web 2.0 in shared decision-making

Petros Kostagiolas, Dimitrios Niakas

---

13:10-14:00  
Light Lunch

---

**F**riday, April 06, 2012 14:00-14:30

## Keynote

The Simulation & Modelling Space  
AMPHITHEATER I, Ground Hall  
Chair: Terry Poulton

### *Toward a Medical Simulation Metaverse*

Nabil Zary, Assoc. Professor of Medical Simulation,  
Karolinska Institutet (KI), Sweden.

---

**F**riday, April 06, 2012 14:30-16:15

## The Clinicians' and VP space

*AMPHITHEATER I, Ground Hall  
Chair: Costas Pattichis*

### **Intensive care training of health professionals: needs, and uptakes of mEducator technology**

Theodoros Kyprianou, Director, ICU, General Hospital of Nicosia, Cyprus

### **The need for training and updating knowledge in tele-orthopaedics: opportunities for mEducator technologies uptake**

Akis Schizas, Marios Neofytou, Sotos Voskarides, University of Cyprus, CY, Pafos general Hospital, CY

### **mEducator application: Transforming an educational and awareness institute on line**

Dimitris Hatzichristou, Director, Institute for Studies of Urological Diseases, and Urology Clinic, papageorgiou Hospital, Aristotle University of Thessaloniki, GR

### **Preventing Heart Diseases in the children ages: prospects of using mEducator technologies in the CHILDRENHEALTH regional project**

Kali Makedou, Areti Hitoglou-Makedou, AHEPA Hospital, Aristotle University of Thessaloniki, GR

### **Training Professionals in Elderly Health Care: prospects of using mEducator technologies in activities of the Greek Federattion of Alzheimers Associations and the DISCOVER project**

Madga Tsolaki, Aristotle University of Thessaloniki, GR

### **Using Self-Assessment Virtual Patients on Mobile Devices**

Luke Woodham, Sheetal Kavia, Supriya Krishnan, Trupti Jivram, Evangelia Mitsopoulou, Narain Ramluchumun and Terry Poulton, St George's Medical School, University of London, UK

### **Justification of Medical Cognition: A Virtual Patient Project**

Mark Sutherland and Anthony Frisby

---

**16:15-16:30  
Coffee Break**

---

**F**riday, April 06, 2012 16:30-17:30

## The Standards Space

*AMPHITHEATER I, Ground Hall  
Chair: Nabil Zary*

### **Towards a Standards Infrastructure in Healthcare Education**

Valerie Smothers, Deputy Director, Medbiquitous (Electronic Healthcare Education Standards Organisation), John Hopkins Medical School, Baltimore, USA

### **IEEE LOM, Healthcare LOM and the need for extensions: the mEducator standard schema approach**

Evangelia Mitsopoulou, St George's, University of London, UK

### **Recent contributions to a Generic Architecture Design that supports Learning Objects Interoperability**

Sotirios Botsios, Dimitrios Georgiou, Democritus University of Thrace, GR

---

**F**riday, April 06, 2012 17:30-18:30 (Parallel)

## The Serious Games Space

*AMPHITHEATER I, Ground Hall  
Chair: Symeon Retalis*

### **Serious Games in Medical Education: the story so far**

Dr Aristidis Protopsaltis, The Serious Games Institute, Coventry University, UK

### **Repurposing Serious Games: the creation and launching of a dedicated editor (mEditor and current experiences in mEducator)**

Laurent Auneau, Director, SUCCUBUS Interactive, Nantes, FR

### **mEducator spaces in Second Life**

Panagiotis Antoniou, Aristotle University of Thessaloniki, GR

### **A Framework for Collaborative Serious Games in OpenSim**

Thrasivoulos Tsiatsos, Aristotle University of Thessaloniki, GR

---

**MEI 2012 – 6-7 April | Thessaloniki | Greece**  
**1st International Conference on Medical Education Informatics**

**F**riday, April 06, 2012 17:00-19:30 (Parallel)

## Open Knowledge Foundation (OKFN) Greece Meet-up

AMPHITHEATER II

*Track Organiser/Chair: Charalampos Bratsas, Aristotle University of Thessaloniki, GR*

**Open Knowledge Foundation Scope-Vision, OKFN: Local Groups and Chapters.**  
Kaitlyn Braybrooke, OKFN Local Chapter and Groups Coordinator

**Greek Open Data and the OKFN Greece challenges**  
Charalampos Bratsas, OKFN Greece Local Group Coordinator

**The power of Openness. Open Data and Open Knowledge**  
Prof. Ioannis Antoniou, Director of MSc Web Science, AUTH, Steering Committee  
OKFN Greece

**Open Data Infrastructures for Innovation**  
George Metakides, President of DIGITAL ENLIGHTENMENT FORUM, Steering  
Committee OKFN Greece

**Open Data and Evolutionary Games**  
Spirakis Paul G., Director of Computer Technology Institute and Press "Diophantus",  
Steering Committee OKFN Greece

**Linked Data Challenges LOD2 Project Results**  
Sören Auer, OKFN Advisor Board, LOD2 EU project Coordinator

**Openness through the Creative Commons licenses**  
Marinos Papadopoulos, Legal Lead Creative Commons Hellas

**Open Educational Data: the case of meducator project**  
Panagiotis Bamidis, meducator EU Project Coordinator, Steering Committee OKFN  
Greece

**Towards Greek Wikimedia Foundation**  
Kostantinos Stampoulis, Greek Wikipedia Administrator

**Discussion**

**Greek Wine Reception**

**Saturday, 07 April 2012**

**S**aturday, April 07, 2012 08:00-09:30 (Parallel)

## Processing, visualization, and repurposing Space

AMPHITHEATER III

*Track Organiser/Chair: Dorian Gorgan, Technical University of Cluj-Napoca, RO*

### **Creating Medical eLearning Resources through Repurposing Procedures, Social and Semantic Web Functionalities**

Teodor Stefanut, Dorian Gorgan, Nikolas Dovrolis, Eleni Kaldoudi and Stefan Dietze

### **Graphical Simulation and Visualization of Human Organs**

Victor Bacu, Denisa D. Rodila, Ovidiu Pop, Calin Radu Dumitru and Dorian Gorgan

### **Distributed processing and analysis of medical images based on Grid infrastructure**

Vasile-Danut Mihon, Vlad Colceriu and Dorian Gorgan

### **Distributed Computer Aided Detection Algorithms**

Vlad-Doru Colceriu, Vasile-Danut Mihon and Dorian Gorgan

### **Exploring a graphic cluster based solution for real-time virtual surgery**

Adrian Sabou and Dorian Gorgan

### **Facilitating Healthcare Reform through Evidence-Based Research: The Role of Technology Acceptance among Healthcare Professionals and End-Users**

Lambros Lazuras, Panayiotis Ketikidis and George Eleftherakis

---



**S**aturday, April 07, 2012 08:00-09:30 (Parallel)

## Open databanks of medical materials

AMPHITHEATER I, Ground Hall

*Track Organiser/Chair: Pascal Staccini, Universite Nice Sophia Antipolis, FR*

**Open Data Banks for Medical Studies: the experience of the "French connection" (past, present, future)**

Marc Cuggia, Inserm U936, Faculté de Médecine, Rennes, France

**A cross lingual semantic search engine dedicated to medical teaching resources**

Nicolas Griffon and Darmoni Stefan

**How young students understand the meaning of metadata fields?**

Pascal Staccini, Antoine Mistretta, Catherine Bellino, Daniela Giordano and Panagiotis Bamidis

**Grass root sharing and institutional content interoperability can (and should!) co-exist: the mEducator approach to medical educational resources description**

Daniela Giordano, Jarkko Mylläri, Pascal Staccini, Panagiotis Bamidis and Terry Poulton

**Creative Commons and the Public Sector Information (PSI) Directive**

Marinos Papadopoulos

**S**aturday, April 06, 2012 09:30-10:00

## Keynote

The Semantic Technologies Space

AMPHITHEATER I, Ground Hall

*Chair: Ioannis Antoniou*

### *Semantic Web and Linked Data for Medical Education*

Sören Auer, Subst. chair of Information Systems and Software Technology at Technical University of Chemnitz & Senior scientist and head of the research group Agile Knowledge Engineering and Semantic Web at InfAI and Business Information Systems, University of Leipzig. Germany.

**S**aturday, April 07, 2012 10:00-11:15

## The Semantic Technologies Space

*AMPHITHEATER I, Ground Hall  
Chair: Daniela Giordano*

### **A versatile architecture for federating mEducator 3.0 instantiations**

Lazaros Ioannidis, Charalampos Bratsas, Panagiotis Bamidis, Aristotle University of Thessaloniki, GR

### **Extending Moodle2.0 in the semantic and social media spaces for Linked Medical Learning: the mEducator3.0/MILES+ approach**

Stathis Konstantinidis, Aristotle University of Thessaloniki, GR

### **Extending Drupal7.0 in the semantic and social media spaces for Open Linked Medical Education: the mEducator3.0/MELINA+ approach**

Dimitris Spachos, Aristotle University of Thessaloniki, GR

### **Towards an embedded semantic wiki for user training in an ePrescribing service**

Despina Papakonstantinou, Flora Malamateniou and George Vassilacopoulos

### **Virtual patients on the Semantic Web: the mEducator3.0/Linked Labyrinth Plus approach**

Christina Lakka, Eleni Dafli, Aristotle University of Thessaloniki, GR

---

**11:15-11:45**

**Coffee Break & Poster Session**

---

**S**aturday, April 07, 2012 11:45-13:00

## Medical Education Curriculum

*AMPHITHEATER I, Ground Hall*

*Chair: Nicolaos Dombros*

### **Transforming Medical Curricula by means of scenario based learning**

Terry Poulton, Saint George's, University of London, UK

### **Discrepancies between normative, expected and observed student workload reveal curriculum structure inconsistencies**

Antony Liaskos, Apostolos Polyzos, Toni Hido, Lazaros Belbasis and Ioannis Dimoliatis

### **Do medical teachers and medical students communicate? a qualitative study**

Lazaros Belbasis, John Evgenidis, Efharis Panagopoulou and Ioannis Dimoliatis

### **Strengthening the cooperation in education and health care among medical faculties: the MEFANET project experience and its extensions**

Daniel Schwarz, Masaryk University, Institute of Biostatistics and Analyses, Brno, Czech Republic

### **Web based Objectively Structured Clinical Examinations (WebOSCEs) at AUTH**

Nicolaos Dombros, Aristotle University of Thessaloniki, GR

### **Using mEducator technologies in transforming the medical curriculum in AUTH: the ARIADNE project/initiative**

Chariklia Chatzisevastou-Loukidou, ARIADNE coordinator, Aristotle University of Thessaloniki

Eleni Dafli, Aristotle University of Thessaloniki, GR

**13:00-14:00**

**Light Lunch & Poster Session**

**S**aturday, April 07, 2012 14:00-15:30

## The Health Portals & Communities of Practice

AMPHITHEATER I, Ground Hall  
Chair: Petros Kostagiolas

### **MEDTING Medical Images and Cases Exchange Portal**

Miguel Cabrer, Francisco Jose Grau Castilla, MedicalExchange MEDTING, Mallorca, SP

### **Organs donation and transplantation in the Web: a study on ‘sentiment’ and ‘web reputation’**

Elisabetta Zuanelli, University of Rome “Tor Vergata”- IT

### **Patients and Doctors in Web 2.0 and Social Media**

Kathi Apostolidis, Breast Cancer & Patient Rights Advocate, GR

### **From teaching to Development in Competency for Communities of Practice**

Anna Chacon, Mette Harpoth Vaabensted, Michael Boisen and Jette Nissen

### **Using medical imaging and semantic web technologies to support educational activities for Multiple Sclerosis Disease**

Vassileios Koliass, Magdalini Chasioti, Ilias Gerostathopoulos, George Kyrgiazos, John Stoitsis, Georgios Delimpasis and Konstantina Nikita

### **Federating Learning Management Systems by use of mash-ups: the mEducator2.0 Portal**

Álvaro Salvá Lezaun, Project Manager, MedicalExchange MEDTING, Mallorca, Spain

### **The BioMedLabS Portal: overall experience and educational prospects**

Nikos Papachristou, BioMedLabs Founder, Papageorgiou Hospital, Thessaloniki, GR

---

**15:30-15:45**

**Closing**

---