

Ministry of Education - Greece: Educational Radiotelevision

University of Crete - Faculty of Education

Department of Preschool Education

Laboratory of Pedagogical Research and Application

Using media to support learning from pre-school through to University

with the support of the European Commission Lifelong Learning
Programme through the MEDEAnet and REC:all Projects



Friday 31st May 2013, 16:00-20:00

University Campus Gallos - Rethymno
Amphitheater D7

Coordination

M. Kalogiannakis (University of Crete) & S. Papadimitriou (Greek Educational Radiotelevision)



Rationale

Using media to support learning provides not only the means to enhance the learning process and make it more accessible and engaging but media can also play a significant role in fostering creativity and innovation. Finding ways to really engage with students while preparing them with the skills and competences they need to fulfill their potential in the changing environment in which we live is a priority for all of us who care about the quality of our educational processes. Media can play a real role in this process in fostering not only the skills and abilities of students but also higher-order competences necessary if we are to tackle the very real challenges of our time.

This seminar brings together several experts and experienced practitioners to share their ideas and experiences in creating and using video to support learning in various contexts, the importance of media literacy and role of communities of practice at a European level in supporting the exchange of experience and know-how. The seminar will also feature input on the role of lecture capture and video services in supporting students in higher education.

Registration: 15:30-16:00

Greek session

16:00-17:30

Moderators: Sofia Papadimitriou & Michail Kalogiannakis

Sofia Papadimitriou

Educational Radiotelevision in Digital Media and European projects

The development and penetration of new technologies in the contemporary social and educational environment, where schools are not just consuming content but also creating their own, has inspired and motivated [Educational Radio-Television](#) (EduTV) to get out, meet the Digital Generation in its own space and become part of its community. The second generation of EduTV is a multimedia platform connected to social networks which offers students and teachers the environment and the tools to design and create their own multimedia projects. Taking an active role in connecting school communities and contributing to the development of audiovisual culture, it motivates and enables students to create User Generated Video reusing and remixing the available videos and newly documented digital content. EduTV participates in [MEDEAnet](#) project aimed to promote media-based learning in organisations and practitioners through local training and networking events, online resources and knowledge sharing. In addition, EduTV participates in [Energy-bits](#)", a cross media European project distributed in both platforms Television and Web, regarding the sustainable use of energy and supported by "Intelligent Energy".

Michail Kalogiannakis

Use of digital media in early childhood education: practices to teach science

The integration of science and mathematics is particularly relevant and appealing in early childhood education. Children are naturally curious about the natural and social environment and are often motivated to learn about the world around them. Learning science helps children to begin to understand aspects of the world around them, both the natural environment and that created through the application of science. For the children to develop their new scientific knowledge there needs to be a conflict between their pre-existing representations and the novel information. Scientific entities and phenomena are frequently complex and detached from children's perceptual experience. Thus, modern thinking tools are required that can support the transformation of an unfamiliar entity into a familiar one. Engaging preschool children's attention and participation is a critical first step in establishing a classroom environment that supports children's development and learning. A teaching strategy based on digital media allows learning to go beyond a purely rational process. Instead it develops the sensory side of learning, including creative, imaginative, and critical views of the information contained in digital media.

Sofia Papadimitriou
Using video in Education

The presentation regards the ways for the pedagogical use of video in class and the benefits of publishing and disseminating videos in social networks. Video is a “*social object*” inspiring and motivating students, cultivating dialogue, rating, polls and sharing in learning communities. Enabling school communities to present and disseminate their projects could make them available to each citizen. Therefore, video activates the students’ participation and communication, enhancing their creativity and collaboration. Furthermore, video is a “*learning object*” supporting interactions, providing opportunities to gain an insight into ideas, content and events, engaging in conversations with people all over the globe who share similar interests, passions, problems and experiences. So video is an essential tool for the development of educators’ “*Professional Learning Networks*” (PLN).

Eirini Sifaki
***Cultural content, cultural repositories and the changing role
of learning through digital media***

In recent years, the educational role of Museums has emerged as one of the main priorities of their communication strategy, through the diffusion of their cultural inventory to visitors and school communities. At the same time, developments in information technology and a growing tendency towards granting open access to data has led museums to provide their knowledge and collections online. In this presentation we will sketch an overview of some digital repositories, emphasizing the participation of Greek museums. The analysis of the main features and their potential intends to highlight the main prospects and challenges that are created upon the dissemination of such knowledge. Finally we will explore the possibilities that exist to support modern educational needs and challenges presented to today's teachers.

Break

17:30-18:00

English session

18:00-20:00

Moderators: Eirini Sifaki & Sally Reynolds

Sally Reynolds

Best practice in the use of media to support learning

During this presentation, examples of video usage in a variety of different teaching and learning settings will be shown. These examples will include professionally produced as well as user generated video and will largely be based on entries to the MEDEA Awards from 2008 to 2012. They will range from examples of high-quality standalone video clips and resource materials to creative strategies aimed at encouraging students to create their own media-rich materials where the emphasis is more on the process than the outcome. Each example will include information about production values, costs and applications.

Mathy Vanbuel

Exploring the potential of lecture capture in universities and higher education institutions

This presentation will address the latest developments in lecture capture and the way universities are using lecture capture to enhance and augment their learning offer to students. During this presentation, information about a variety of different pedagogical models will be provided related to the technical support mechanisms being put in place by universities to support such models.

Sally Reynolds

Building a community of practice in the best use of media to support learning

The Media & Learning Association is a new European not-for-profit association aimed at bringing together all those interested in the value and impact media can have on the learning process. It will provide a formal network of those already involved in the different MEDEA and Media & Learning initiatives including the annual conference and awards, the newsletter and social media networks, the resources database and the network of workshops and webinars being run. This presentation will provide information about the various activities of the MEDEA Network and will outline the opportunities that already exist for collaboration.

Discussion – Perspectives

Short bio Sofia Papadimitriou

Sofia Papadimitriou has studied Mathematics and Computer Science (Master Degree) in Athens National University. She is a PhD Scholar in Distance Learning in School of Humanities of Hellenic Open University. She has been an ICT Secondary teacher since 1990, teaching Computer Science in Gymnasium and Technical Schools and an educator in ICT training courses for primary and secondary teachers, as well. She works in Educational RadioTelevision of Ministry of Education of Greece, since September 2007 and she coordinates Social and Digital Media (www.edutv.gr and www.i-create.gr, [You Tube](#), [Facebook](#), [Twitter](#), [Blog](#), [scoop.it](#), [Vimeo](#), [Linked-In](#)). She coordinated the collaborative projects on i-create platform providing educational material and supporting user generated content (100 years later, Mediterranean nutrition, School lab, Social Campaign against violence) and the European projects: “[EduTubePlus](#): A European curriculum related video library and hybrid e-services for the pedagogical exploitation video in class” (2008-2011), and the [MEDEAnet](#) about “Media and Learning” (2012-2014), on behalf of Educational RadioTelevision. Furthermore she is participating at the “[Energy-bits](#)” project (2012-13) regarding the sustainable use of energy and supported by “Intelligent Energy”. In addition, she has co-authored three book chapters and 20 papers in scientific conferences and journals on the topics of open and distance learning, using media in education, open educational resources, academic staff development and lifelong learning.

Short bio Michail Kalogiannakis

Michail Kalogiannakis is lecturer at the Department of Preschool Education at the University of Crete in Greece. He is also associate tutor at School of Humanities at the Hellenic Open University. He has graduated the Physics Department at the University of Crete and continued his post-graduate studies at the University Paris 7-Denis Diderot (D.E.A. in Didactic of Science), University Paris 5-René Descartes (D.E.A. in Science Education) and received his PhD at the University Paris 5-René Descartes (PhD in Science Education). His field of specialization is science education at early childhood and his other current research interests concern science teaching and learning, ICT in science education, distant and adult education. He has participated in a number of research projects and has published numerous research articles and studies in journals, books and conference proceedings in English, French, Greek and Russian. He has also served as an expert of the Greek Pedagogical Institute for the preparation of curricula for natural sciences, in the framework of the action “New School (School of 21st century)” and developed teaching material. He has been member of the scientific board and reviewer in a number of journals and conferences.

Short bio Eirini Sifaki

Eirini Sifaki is an independent scholar in communication studies. She holds a PhD in information and communication sciences from the University Paris 3 – Sorbonne Nouvelle and collaborates with the Research Institute IRCAV (Institut de Recherche sur le Cinéma et l'Audiovisuel) as an associate researcher. Since 2005, she has been working as an associate tutor at the Hellenic Open University, teaching a course on Cultural Communication (Cultural Organisations Management MSc, School of Social Sciences). She has also taught as a fellow researcher at the Department of Sociology (University of Crete), at the Cinema department (Aristotle University) and collaborated with European research centers (HOMER Research Project, Fondation maison des sciences de l'homme, CHRIME) and national institutions (Pedagogical Institution, Ministry of Education, Greece, EDIAMME, Social Analysis and Applied Social Research). As a research expert for the Major Program of Teachers Training (Ministry of Education, Greece) she contributed to the development of Cultural Programs in Museums. She has participated in many international conferences and published on international communication, cultural studies and film studies.

Short bio Sally Reynolds

Sally began her career as a remedial linguist and then worked in radio and television in Ireland as a presenter and producer for the national broadcaster, RTE. From 1990, she worked on technology enhanced learning projects in Ireland, Germany, The Netherlands and Belgium and was programme manager for Online Educa Berlin (1996-2008) and for eLearning Africa (2006-2009). Sally played a key role in the dissemination of Kaleidoscope and KP-Lab (FP6), EduTubePlus and EUscreen (eContentPlus), MEDEA:EU and Re.ViCa (LLP programme) and has established a unique network amongst sector leaders and decision-makers in the European technology supported learning sector. She is an experienced communicator and trainer and her journalistic background has equipped her with professional level skills which are combined with a specific know-how and experience in the technology supported learning field. She is one of the originators of the MEDEA Awards and actively involving in leading several MEDEA and Media & Learning related activities, coordinator of the MEDEAnet network project and one of the editors of the Media & Learning News, published monthly and sent to approximately 9000 subscribers.

Short bio Mathy Vanbuel

With a background in audiovisual production, Mathy worked for the audiovisual service of the Catholic University of Leuven for more than 10 years as director and production manager. Mathy is regularly called upon to offer consultancy services in the integration of specific ICT tools and services in the education process and clients have included the European Schools network, the European Space Agency, JISC (Joint Information Services Committee, UK), The World Bank, Department for International Development UK, the Ministry of Education, Ghana, and the Ministry of Education, The Gambia. Mathy is a visiting professor (MultiMedia Management and eLearning) at KHLIM Katholieke Hogeschool Limburg (Higher Education Institute) in Genk (BE) and Maastricht (NL) as well as a member of several professional bodies. Mathy is leading the technical research work for the RECall project on lecture capture and is one of the originators of the MEDEA Awards. Mathy is currently leading developments in the MEDEA Association and is a researcher and regular speaker on the topic of media-supported learning.



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