LCVS 2014 - Call for Papers
Learning through Video Creation and Sharing

http://juxtalearn.org/lvcs/

Videos have been used as teaching resources during years. They can be valuable educational resources. Nowadays, people search for information in multiple formats, being video one of the most popular. In this sense, video-based learning platforms have arisen during the last years (e.g. YouTube Education or Khan Academy, among others). Furthermore, a new tendency in e-learning is the use of MOOCs where the video is the key educational element. Video-based environments provoke the students' curiosity, promote their creativity and increase their motivation, specifically when they include interactive elements (e.g. questions about a video frame) or additional information to enhance relevant aspects of the video.

Apart from that, the students' role has evolved from a passive approach -students as spectators- to a more active approach in the last years. Therefore, they can make educational videos themselves using mobile devices, such as smartphones or tablets, with ease. Computer Supported Collaborative Learning (CSCL) is a well-known approach to support active learning. Would collaborative video creation improve students' learning experience? Furthermore, teenagers and young people regularly interact in social networks such as Facebook, Twitter or Instagram, among others. Social networks can be used as an educational tool based on sociocultural learning theories in order to engage students in a friendly environment. However, what social aspects should be kept in mind when users are collaborating in video based learning environments? The aim of this workshop is to shed light on these emerging questions, exploring ways in which these new learning techniques can be incorporated to classrooms, identifying educational effects and how to measure them.

This Workshop will take place in conjunction with the Ninth European Conference on Technology Enhanced Learning, *Open Learning and Teaching in Educational Communities* EC-TEL 2014 (http://www.ec-tel.eu/) to be held at Graz (Austria).

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Goals

With this workshop, we intend to bring together the research communities of Video-Based Learning (VBL), Computer Supported Collaborative Learning (CSCL) and Social Networks in Education (SNE). Under the scope of the educational use of videos, we aim to explore synergies with CSCL and Social Networks. The following questions describe the goals of this workshop:

- What is the educational impact of the use of videos in the classroom?
- How can CSCL effectively support collaborative creation of storyboard and videos with educational aim?
- How can SNE effectively support learning by sharing and discussion around videos with educational aim?
- What techniques used in the CSCL and Social Networks can contribute to a better analysis of students' interactions and learning outcomes?
- How can learning analytics help to assess the educational impact and to scaffold the learning process?
- How can recommender systems be applied to VBL environments to promote collaboration between students?
- What features should a video-based educational social network have to be pedagogically efficient?

This workshop is supported by the JuxtaLearn research project (http://www.juxtalearn.eu), an FP7 project exploring a pedagogical and technological framework that exploits performance to enhance science and technology learning. JuxtaLearn will encourage students to use creative activities, in particular video-making, to help them with concepts they find difficult to understand.

Audience

We invite all attendances to EC-TEL(http://www.ec-tel.eu/) and i-Know (http://i-know.tugraz.at/) conferences to participate in this workshop. Specifically, the target audience of this workshop will be the following:

- Technological and educational researchers interested in the creation and the use of videos for learning.
- Educational designers and decision makers interested in the educational videos (MOOCs)
- TEL and HCI-oriented PhD Students working on the area of video based learning.
- Researchers and practitioners in video uses for knowledge management and knowledge building.
- Entrepreneurs and professionals interested in social networks, collaborative and video based learning.
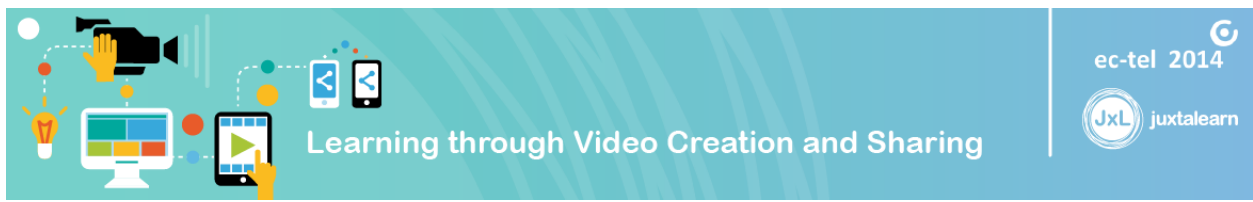
Topics

As it is stated in the goals of the workshop, it is focused on three main areas: video based learning (VBL), use of social networks in education (SNE) and collaboration in learning environments (CSCL). Next, we list the topics related to these three areas. We are willing to accept papers regarding these themes (but not limited to):

- Collaborative learning scenarios and learning communities involving videos
- Creativity and motivation in video-based learning scenarios
- Video usage in MOOCs
- Constructivist learning with videos - models and theories
- Educational applications of video recommendation system
- Analytics and data mining related to video-based learning
- Innovative usage of videos in STEM learning
- Dynamic information visualisation in learning environments
- Interactive video presentation of public displays
- Key factors in educational social networks
- Video creation and sharing including mobile devices
- Videos as knowledge and learning objects
- Videos and games

Important dates

- 15 June 2014: **Mandatory** submission of an abstract (300-500 words)
- 27 June 2014: Submission of full contribution (6 pages)
- 20 July 2014: Notification of acceptance
- 1 September 2014: Final version for accepted papers and video
- 17 September 2014: Workshop date

Submission procedure

As the main topic of this workshop is video based learning, we would like to invite researchers to submit a contribution and complement it with an innovative and interactive format.

Firstly, an **abstract (300-500 words)** of the work has to be submitted. Next, authors must submit the full version of the paper **(6 pages)**.The goal of this contribution is to offer a general overview of the contribution and how it is connected with the previous related work. They must describe original research work and may not have been published or submitted elsewhere. Submissions will be reviewed for relevance, originality, significance, validity and clarity. Authors must follow the LNCS template: http://www.springer.com/computer/lncs?SGWID=0-164-7-72376-0.

We also encourage authors to combine this contribution with a short video whose length is between 3-8 minutes. Examples of videos could be educational material created by teachers, an overview of an educational experience based on videos, videos created by students to understand difficult concepts, artifacts to be used in the presentation of the research work in the workshop, among others. All the videos will be uploaded to Youtube with the final version of accepted contribution. Authors of videos are the responsible of them. The material included in them must be original or have an appropriated license that allows us to share with all the EC-TEL and i-Know attendances. Examples of websites that provide images under copyleft licenses are the following ones:

- Creative Commons: http://search.creativecommons.org/
- Stock.XCHNG: http://www.sxc.hu/
- DryIcons: http://dryicons.com/free-icons/
- Freebies: http://www.snap2objects.com/freebies/
- DeviantArt: http://browse.deviantart.com/resources/?q=icon&offset=0

Other website that provides audios with copyleft license is Cloudsound: https://soundcloud.com/

Submissions will be handled through the EasyChair conference management system: https://www.easychair.org/conferences/?conf=lvcs2014. All papers will be reviewed through a double blind review process. The accepted contributions will be published in CEUR Workshop Proceedings, a free open-access publication service (http://ceur-ws.org/). We also are just negotiating the publication of the extended versions of workshop contributions.

Committees

Organization committee

Please, contact the organization committee in the following address: lvcs2014@juxtalearn.org

- **Ulrich Hoppe**, Rhine-Ruhr Institute for Applied System innovation, Germany
- **Jaime Urquiza-Fuentes**, Universidad Rey Juan Carlos, Spain
- **Gill Clough**, Open University, UK
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