

WS10 VIDEOPAPERS: AN EMERGING WAY TO PUBLISH AND CONDUCT RESEARCH AND CLASSROOM ANALYSIS

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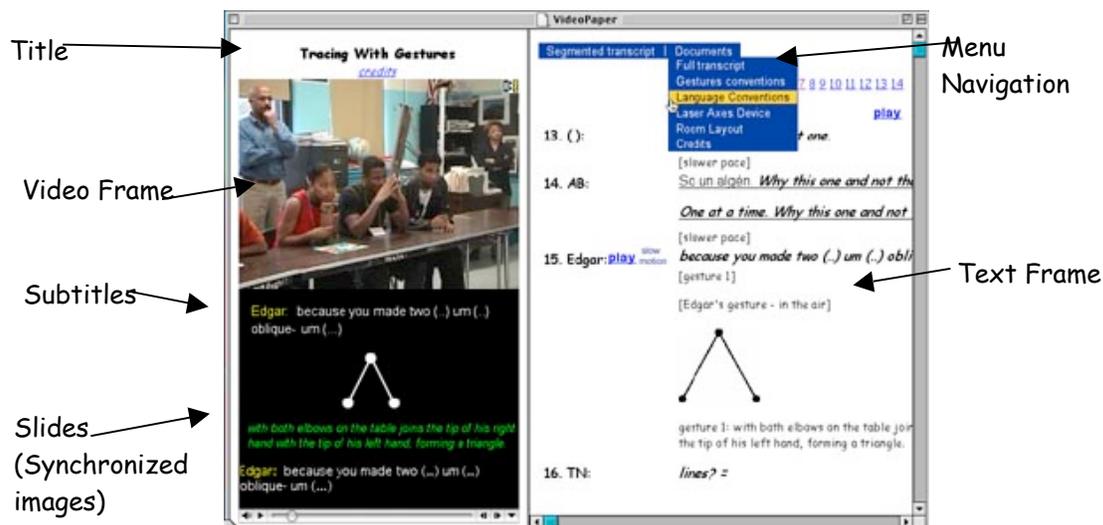
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A *videopaper* is a multimedia document that combines three elements

- (1) Digital Video with subtitles, to be played under control of the user either as a whole or in segments predefined by the creator.
- (2) Text with commentaries and background information, with buttons to play segments of the video that are relevant to the content.
- (3) Images that may be synchronized with the video and that help understanding the videotaped events.



Videopapers are viewable in a web browser such as Netscape or Internet Explorer. They can be created by using a tool called “VideoPaper Builder” which can be freely downloaded. Currently there are in development two Journal special issues that will be collections of videopapers (one in Journal of Research in Mathematics Education – Monographs, and another in Educational Studies of Mathematics).

In this working session participants will receive a CD-Rom with digital video and images to create a videopaper. During the first session the group will discuss examples of videopapers and familiarize themselves with tools to create them. In between the sessions participants will have access to a computer to create a videopaper to be presented during the second session. The second session will end with a discussion about the potential of these technologies and ways of using them.