Proposal for Roundtable Session  
SITE Annual Conference  
Educational promise of interactive web-based movies

Some video compression software offers the option of creating interactive movies for the web. Web-based movies can contain chapter stops that quickly jump to other sections of a movie. Text can be added over specific points in a web movie to create closed captioned or subtitled movies. The surrounding web page can change during the movie. For example, a text transcript can be displayed bit by bit as a movie plays. Web movies can pause and wait until the viewer takes some action before proceeding. The developer can add commands that open a new URL, jump to another time in the same movie, or replace the movie with another movie. Each of these events can be triggered through hotspots within the movie, where users click on a portion of the movie image or a still frame menu. Although this interactivity holds great promise for instructional applications, no one has really explored these options. After a demonstration of several movies that highlights each of the available features, the participants will be encouraged to brainstorm ways that these capabilities can be used to enhance instruction. Participants will be encouraged to explore ideas for a research agenda that investigates educational applications of the interactive features. Finally, I will demonstrate how to create interactive web-based movies that contain the interactive features. This session will be accompanied by a handout that describes each interactive feature and outlines the steps to create interactive movies using Discreet Cleaner software.

**Topical Outline:**

1. Demonstrate interactive web movies that contain all of the potential features (menus with hotspots, jumps to other segments of the movie, text overlays, jump to another location, hotspots, pause, chapter stops, replace the movie with another movie, open a new URL, replaces the surrounding web page with another web page.)
2. Interactive discussion and brainstorming with roundtable participants of practical education applications of these interactive features.
3. Discuss possible areas of investigation for educational researchers.
4. Demonstrate how to add the following interactive features to web movies:
   - jump to another location,
   - hotspots,
- text overlays,
- pause,
- chapter stops,
- replace the movie with another movie,
- open a new URL,
- replace the surrounding web page with another web page.

Objectives of session:
1. Identify seven different features of interactive web movies.
2. Discuss educational applications of interactive web movies with peers.
3. Brainstorm potential areas of investigation for educational researchers (using interactive web movies).
4. Identify the steps to create web movies that jump to another location within the movie.
5. Identify the steps to create web movies that contain menus with hotspots.
6. Identify the steps to create web movies that include text overlays.
7. Identify the steps to create web movies that pause.
8. Identify the steps to create web movies that include chapter stops.
9. Identify the steps to create web movies that replaces the movie with another movie.
10. Identify the steps to create web movies that open a new browser window and URL.
11. Identify the steps to create web movies that replaces the surrounding web page with another web page.

Audience:
This session is appropriate for beginning and experienced users. Participants who are proficient in digitizing movies for web-based distribution will gain the most from the step-by-step demonstration of creating interactive movies, but participants at all levels of expertise can benefit from the discussion of educational applications of these features. Individuals who never plan to create their own websites can nonetheless benefit from the demonstration of features that could be incorporated into their web-based movies if desired. I expect this session to be of interest to teacher educators, web-developers, and teachers who are interested in using video on their web-sites, whether the movies are produced by students, teachers, or professional web developers.