ANNOTATED VIDEOS: HANDS ON PRODUCTION, POSTPRODUCTION, AND IMPLEMENTATION

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BENEFIT TO THE PARTICIPANT
The participants will have **hands-on** experience in how to build "annotated videos" for insightful role-modeling of skills as found in "Headache Interactive on-line" http://webcampus.drexelmed.edu/interactive/headache/ and "doc.com" http://webcampus.drexelmed.edu/doccom/ either from scratch or as a transformation of existing instructional videos. This workshop was given at the SOL 2006 in Lausanne – and received excellent feedback by its attendees.

ABSTRACT
Our "annotated videos" consist of a main video track with the instructional video plus a second track with comment movies. To announce in the main movie that a comment is available, we use something similar to subtitle texts. Clicking these "subtitles" causes the main movie to stop and a comment movie to play. After the comment is done, it disappears and the main-movie continues playing.

The way we're using these "annotated videos" is the following:
First we videotape role-modeling interactions between master physicians and (standardized) patients. Then we re-play the videotape to the master physician who stops the tape where appropriate to comment on it. Then we videotape the master physician giving the comments – this is repeated until we reach the end of the tape.

The main projects where we are using this technique is "headache interactive" (for which it was originally developed) and "doc.com", where these "annotated videos" build the core of each of the 40 modules. Surveys show that they are considered the most important ingredient to add value in comparison to classical textbooks and/or classical instructional videos.

ABOUT THIS WORKSHOP
This is a **hands-on, all day workshop** where we'll explain in detail how we do "annotated videos" including the use of QuickTime HREFTracks – then do one while you assist and finally you do your own and we'll assist you.

Please bring your own camcorder (if available) and laptop. Class size is limited to 10. No special skills needed.

THE PRESENTERS
Christof Daetwyler M.D.
Christof is a research professor at Drexel University College of Medicine, where he is developing applications, which bridge the gap between technology and medical education. He has worked with video almost 20 years. Together with Prof. Emerit. Marco Mumenthaler, M.D. he initially developed the technique of "annotated videos" for "headache interactive" http://webcampus.drexelmed.edu/interactive/headache/, a learning program aimed to not only watching but also probing the mind of the mentor.

Before going to Medical School in Zurich, Switzerland, Dr. Daetwyler attended the Higher School of Applied Arts in Zurich where he produced his first video in 1986. After graduation from Medical School in 1997, Dr. Daetwyler worked at the Department for Educational Media at the University of Berne Medical School until 2001. During this time, he began his collaboration with the Prof. Mark Mumenthaler on several projects of which two were subsequently awarded the "European Academic Software Award" in 1998 for "Neurology interactive" and in 2000 for "Headache interactive".

In 2001, Dr. Daetwyler joined the team of Joe Henderson, founder of the Interactive Media Lab at Dartmouth Medical School. During his stay at Dartmouth, Dr. Daetwyler became involved with large-scale filmmaking as Joe Henderson's Associate Director. In 2004, Dr. Daetwyler joined the faculty at Drexel University College of Medicine where he is involved in the development of several large-scale projects for medical education, among them "doc.com" and "WebOSCE".

Prof. Emerit. Mark Mumenthaler, M.D.
In his words: My biography is quite simple: son of Swiss parents, brought up in Italy. Gymnasium in Milan and then medical school in Zurich, Paris, Amsterdam and Basel. Intern and resident in neurology in Swiss Hospitals and finally Associate Professor in Zurich. I spent one year at the NIH 1960/61 at Milton Shy's department, and in 1962 I became full professor of Neurology at Berne University. I was Provost of Berne University from 1989 until 1991. I published approximately 300 papers in scientific journals and half a dozen books. One of them has been translated in 11 languages.

 [What is not so simple is that this international pillar of neurology in addition to his traditional scholarly activities, clinical case load and administrative responsibilities embraced new technology while interacting with then young resident doctor, Christof Daetwyler, to produce Interactive Neurology*, an exemplary CD in both English and German with patients speaking three languages. Dr. Mumenthaler personifies "when Content Meets Media" and his personal manor with patients should inspire us all.]*
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