

Update on Transparency Processing

- how to embed movies in PDF files -

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Processing Transparencies - what's new?



nothing really new ...

- ▶ the old capture show add-in for PowerPoint has been replaced by the split-animation macro written by Raphael
- ▶ the manual has been updated after IPAC'12 – new version available on JACoW.org
- ▶ the procedure is always the same: download PPT – convert to PDF – upload PDF
- ▶ still a lot of work to separate overlapping contents and to search for bad fonts

Embedding movies in PDF files - general Information

- ▶ Adobe Reader 9 and later support the following video formats:
Flash® and MPEG-4
- ▶ Not supported video formats like avi or wmv files need to be converted

A free converter tool is HandBrake



- ▶ HandBrake is a multiplatform, multithreaded video transcoder, available for Mac OS X, Linux and Windows
- ▶ Web page and user manual: <http://handbrake.fr/downloads.php>
- ▶ Users must install the appropriate application (such as QuickTime or Windows Media Player) to play the multimedia

Four steps to embed movies in PDF files

Step 1

Generate the PDF slides file first by converting PowerPoint to PDF as described in the manual.

Step 2

Convert the corresponding movie to a supported video format.

Step 3

Start Acrobat and open the PDF slides file.

Select the slide where the movie should be embedded.

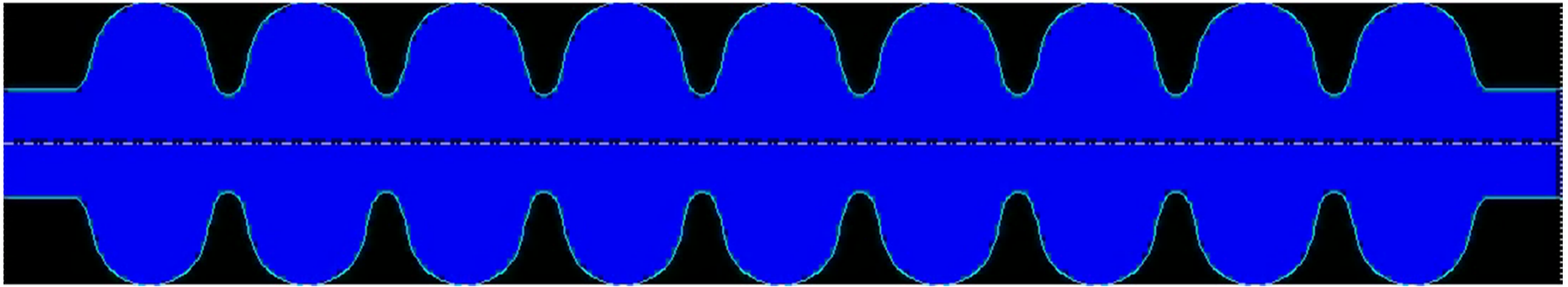
Use the mouse to draw a placeholder around the image which indicates the movie.

Step 4

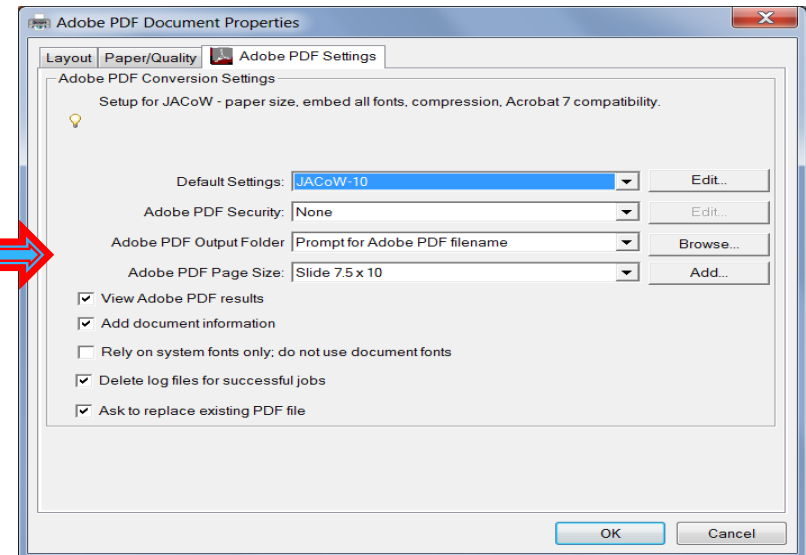
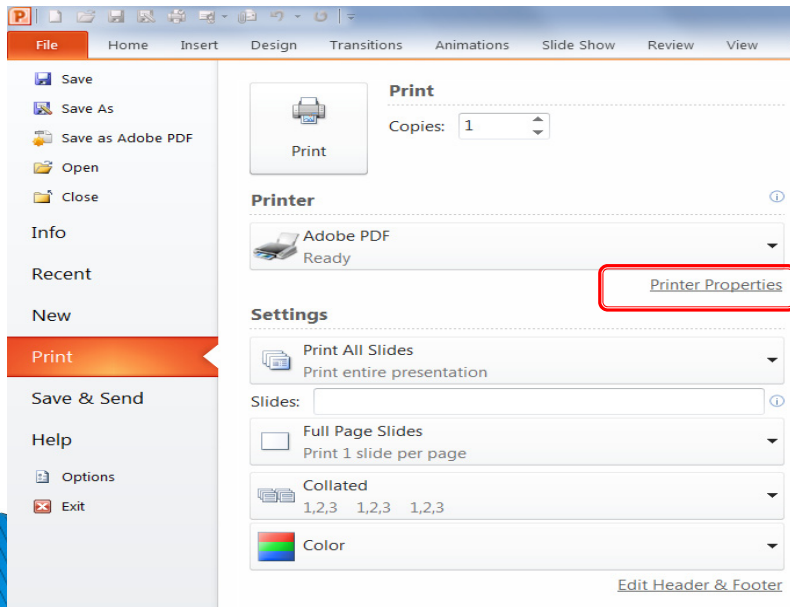
Embed the movie by using the appropriate Acrobat tool and define the launch settings.

Step 1: Convert the PPT slide to PDF

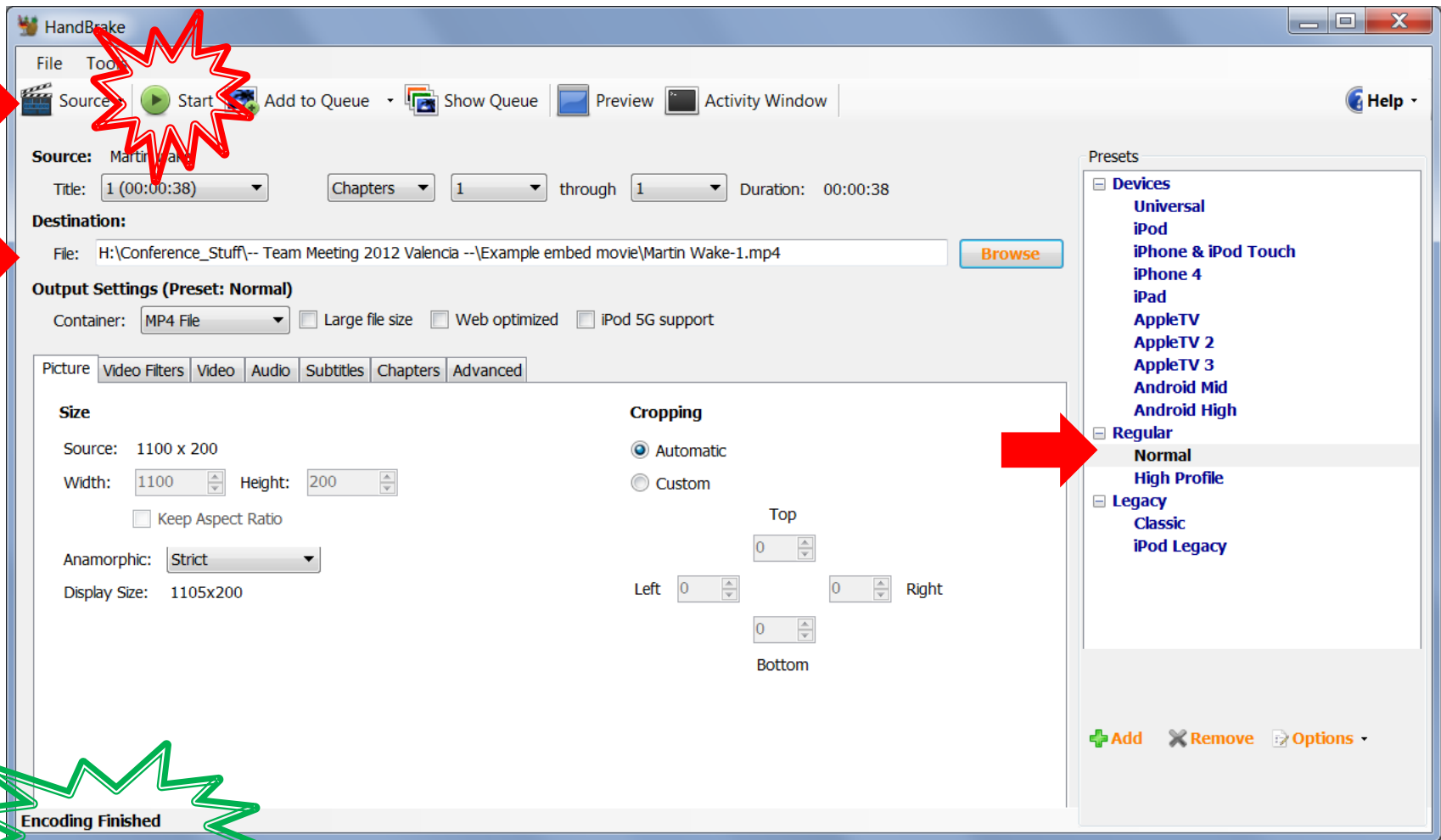
Example: Windows video file (avi format):



Movie by courtesy of Martin Dohlus, DESY

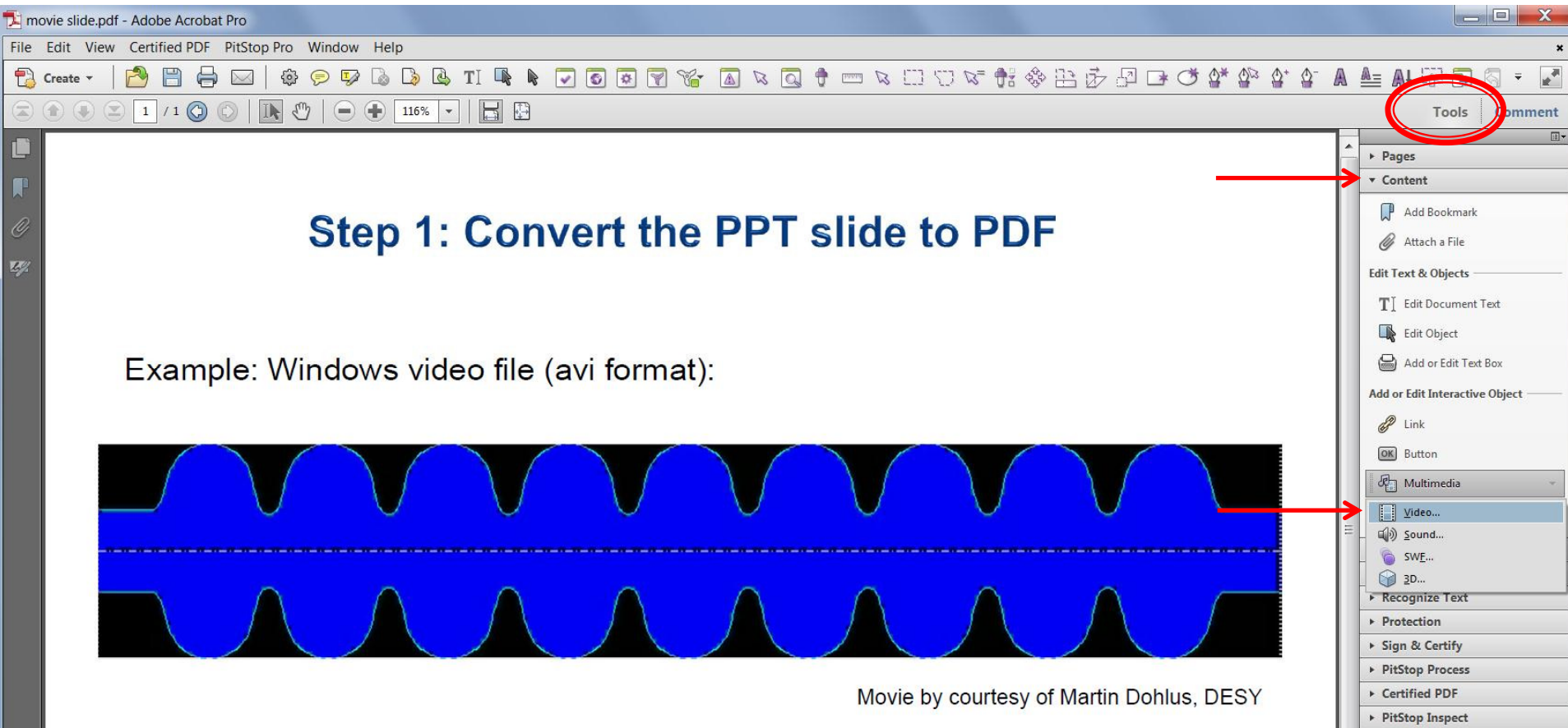


Step 2: Convert the movie.avi to movie.mp4 by using HandBrake

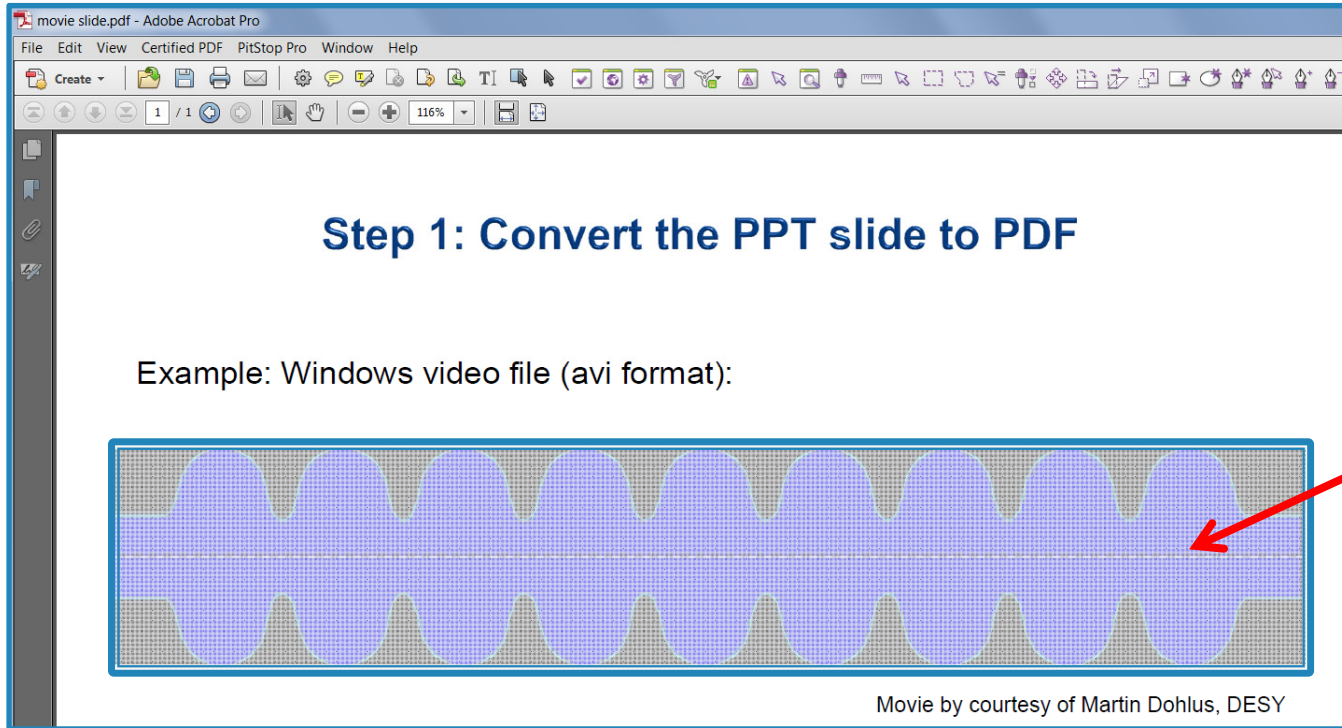


Step 3: Open the PDF slide file and use the Acrobat Multimedia Tool to embed the movie

► Click on Tools > Content > Video...

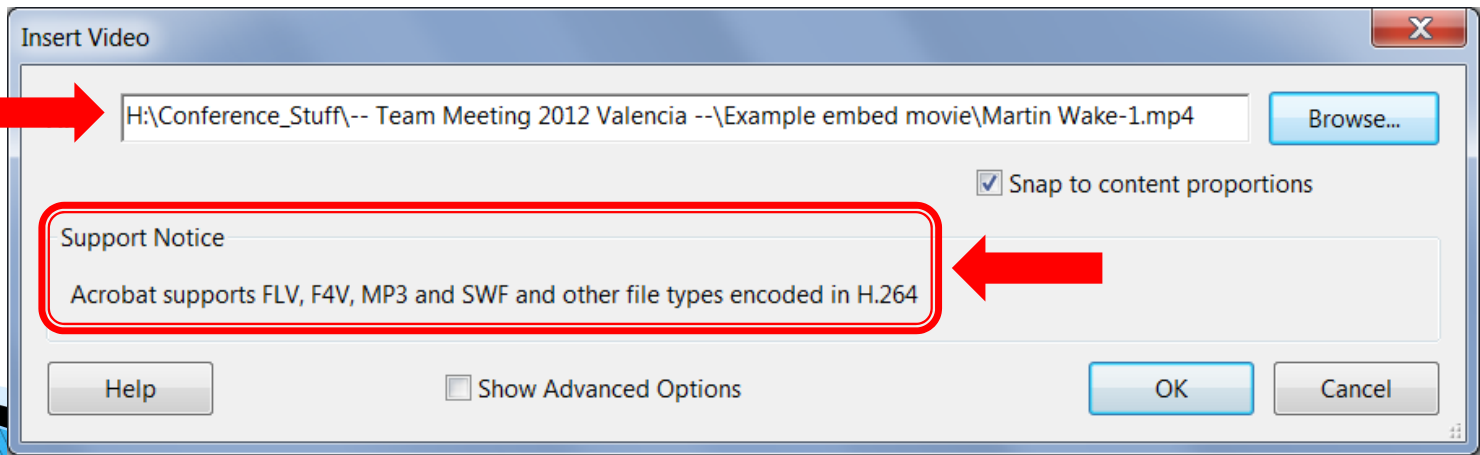


Step 4: Embed the movie

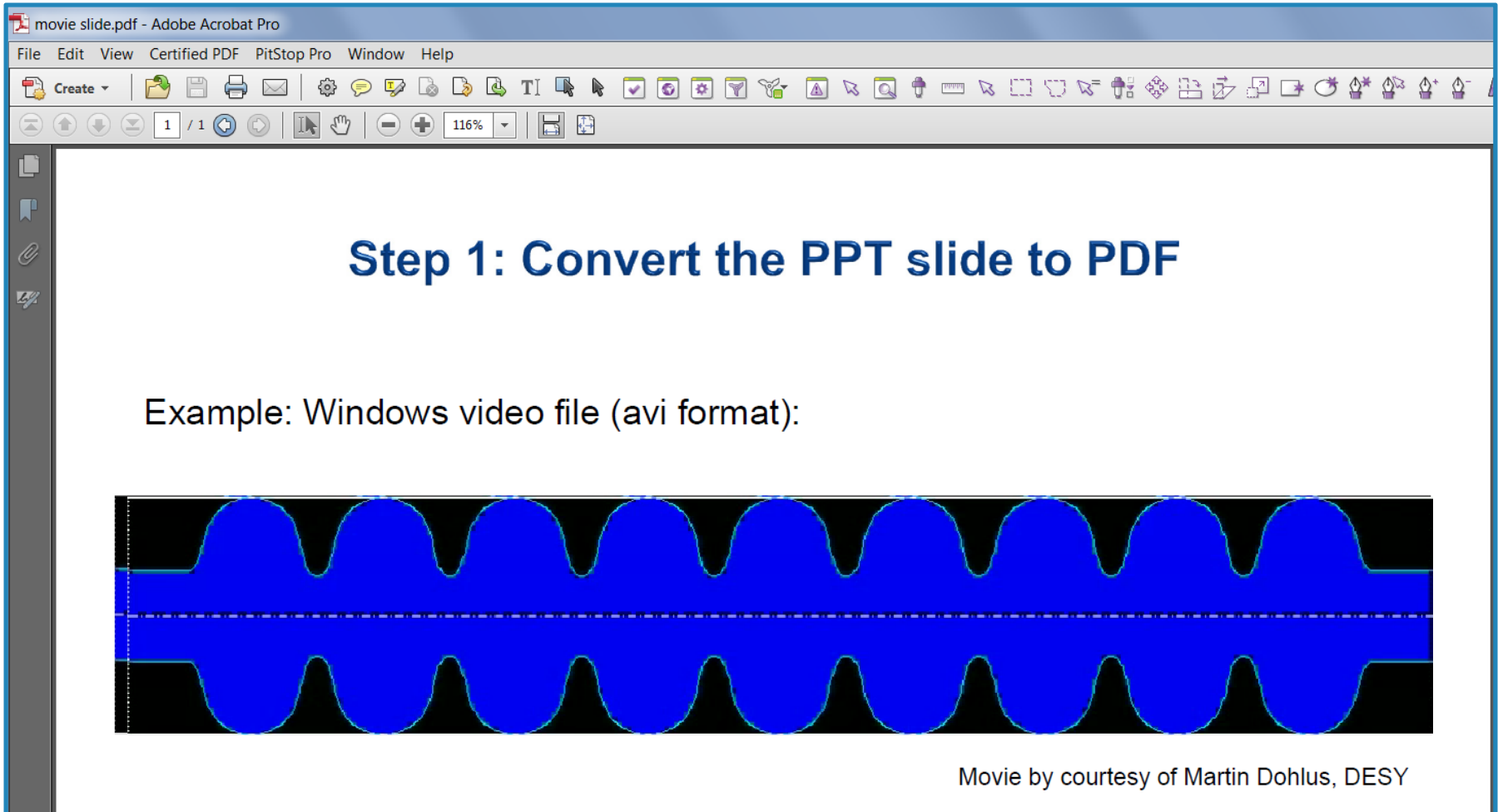


draw a rectangle over the movie as a placeholder

enter the name of the movie file



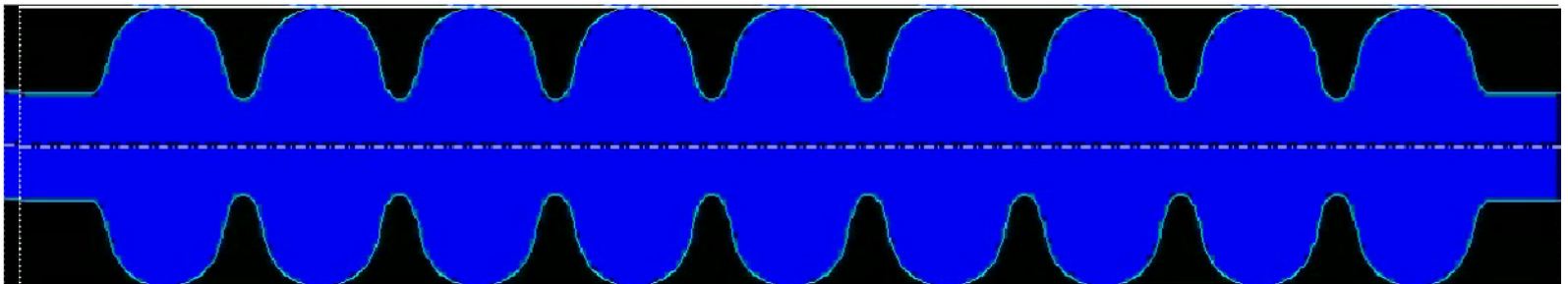
Screenshot of the running movie in Acrobat



The screenshot shows the Adobe Acrobat Pro interface. The title bar reads "movie slide.pdf - Adobe Acrobat Pro". The menu bar includes "File", "Edit", "View", "Certified PDF", "PitStop Pro", "Window", and "Help". The toolbar contains various icons for file operations, editing, and navigation. The main content area displays a PDF slide with the following text:

Step 1: Convert the PPT slide to PDF

Example: Windows video file (avi format):



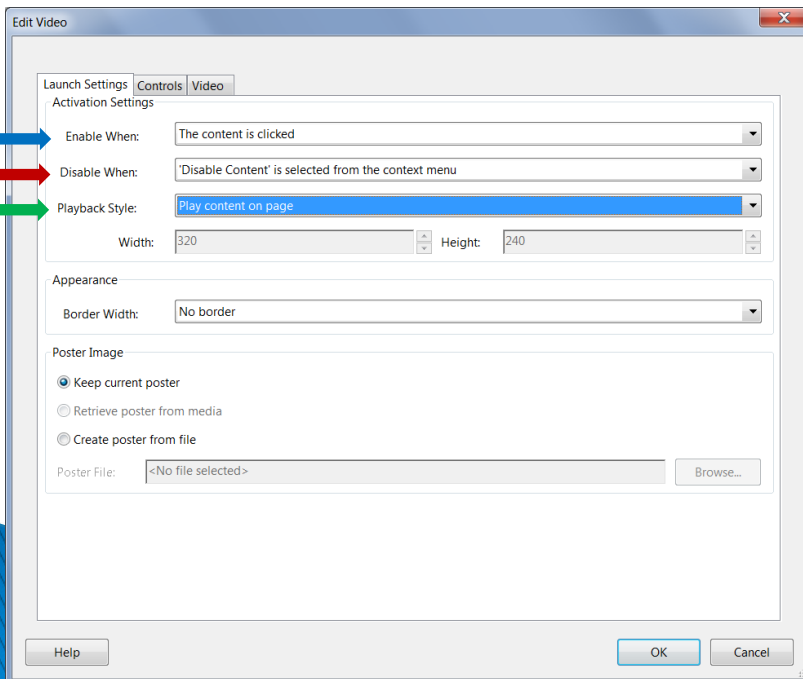
The video player shows a blue sine wave on a black background. The wave oscillates between approximately 10% and 90% of the frame height. A vertical dashed line is positioned at the beginning of the wave, and a horizontal dashed line is at the center of the wave.

Movie by courtesy of Martin Dohlus, DESY

Acrobat Launch Settings

Right mouse-click

View in Floating Window
Full Screen Multimedia
Properties...
Disable Content



▶ several possibilities to launch the movie

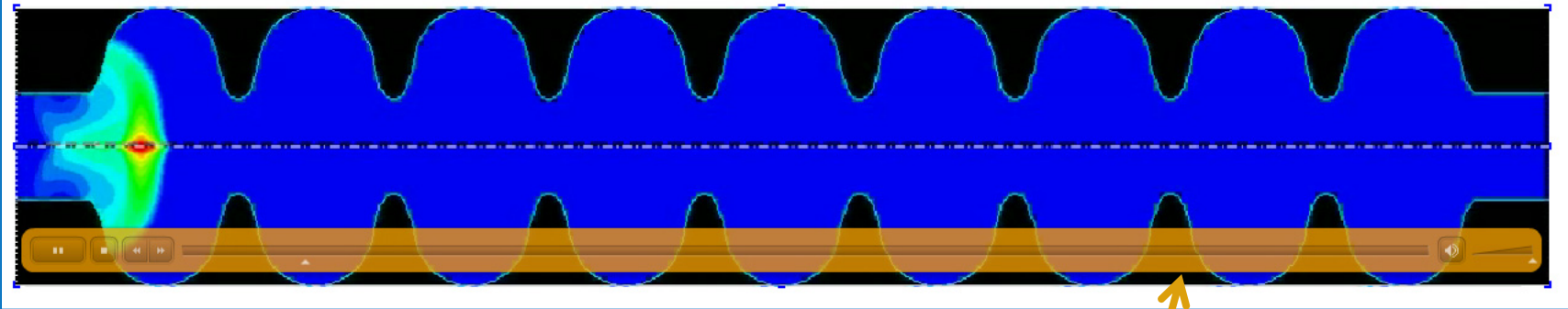
enable when: the content is clicked
or when the page is opened
or when the page is visible

disable when: the page is not visible or closed

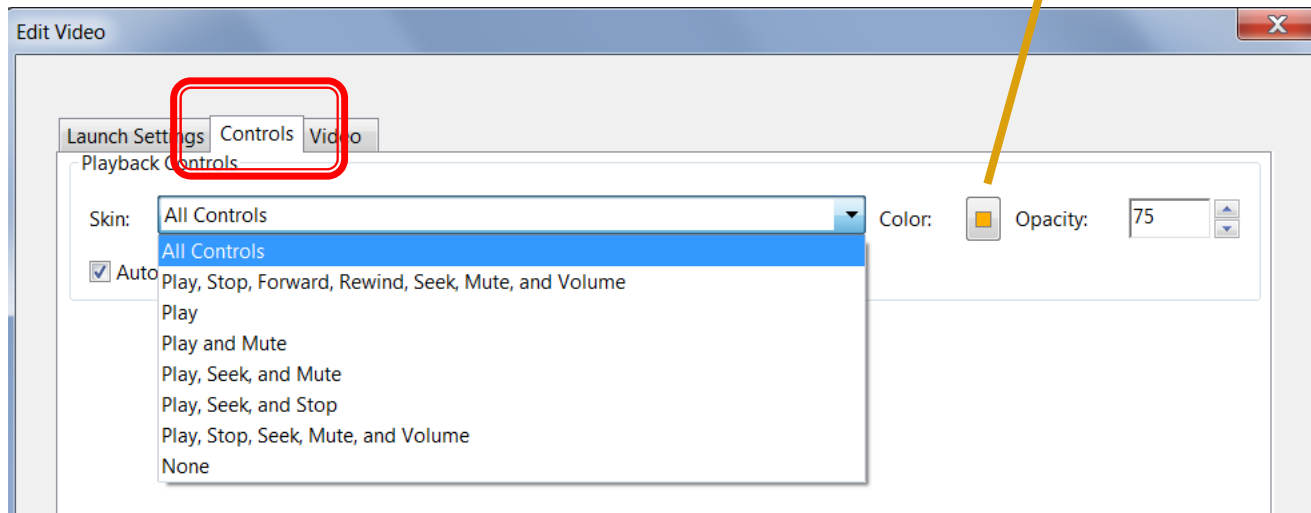
playback style: play content on page or in a separate window

Acrobat Launch Settings

Example: Windows video file (avi format):



▶ several possibilities to control the movie



Summary

- ▶ Adobe Reader 9 and later support Flash® and MPEG-4 video formats
- ▶ Unsupported video formats need to be converted
- ▶ A free converter tool is HandBrake
- ▶ Users must install the appropriate application (such as QuickTime or Windows Media Player) to play the multimedia contents
- ▶ Animated gifs cannot be converted to videos → this information needs to be communicated to the authors!

Thank you 😊

I DON'T WANT TO GO TO
~~SCHOOL!~~ I HATE ~~SCHOOL!~~
I'D RATHER DO ANYTHING
THAN GO TO ~~SCHOOL!~~



Just replace
“SCHOOL”
by
“SLIDES PROCESSING”