

Update on Processing Slides (May 2022)

- what to do before you start -

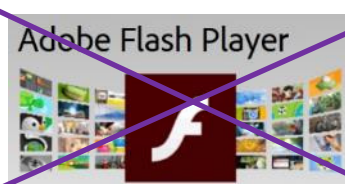
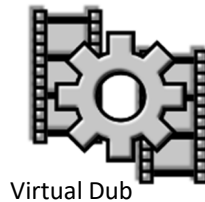
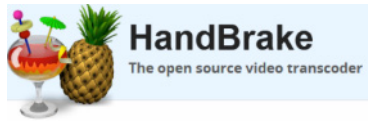
Topics

- ▶ install video transcoder and other useful software products (Handbrake, Virtual Dub, Lightshot, PPspliT)
- ▶ insert PPspliT
- ▶ print slides in High Quality
- ▶ install MAC Fonts on a Windows PC
- ▶ convert slides to the correct format
- ▶ end of support for Adobe Flash Player



Michaela Marx, DESY, Hamburg, Germany, May 2022

Software you need: Video transcoder, ~~Adobe Flash Player~~, a screen capture tool



VLC media player



- ▶ **Handbrake** (video transcoder to convert avi and wmv files to MPEG-4)

<https://handbrake.fr/downloads.php>

- ▶ **Virtual Dub** (free video capture/video processing utility)

<https://sourceforge.net/projects/virtualdub/>

- ~~▶ **Adobe Flash Player**~~

~~<https://get.adobe.com/flashplayer/>~~

Adobe stopped the support for the Flash Player – web browsers are able to play videos



other useful tools

- ▶ **VLC Player** (free cross-platform multimedia player)

<https://sourceforge.net/projects/vlc/>

- ▶ **Lightshot** (to take customizable screenshots)

<https://app.prntscr.com/en/index.html>

Topics

- ▶ install video transcoder and flash player first
(Handbrake, Adobe Flash Player, Virtual Dub, Lightshot etc)
- ▶ **PPspliT replaced the outdated Split Animations Macro**
- ▶ Check PPT print options - printing slides in High Quality
(for conversion from PPT to PDF using the Adobe PDF printer)
- ▶ Installing MAC Fonts on a Windows PC
- ▶ how to convert wide screen slides - 16:9 or user defined formats

PPspliT - A New Split Animations Add-In for PowerPoint

Massimo Rimondini (from Roma Tre University in Italy) has written a split animations macro for PowerPoint which is more accurate in splitting overlaps and therefore very useful for processing slides in a JACoW proceedings office.



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Google Hangouts: maxonthenet@gmail.com

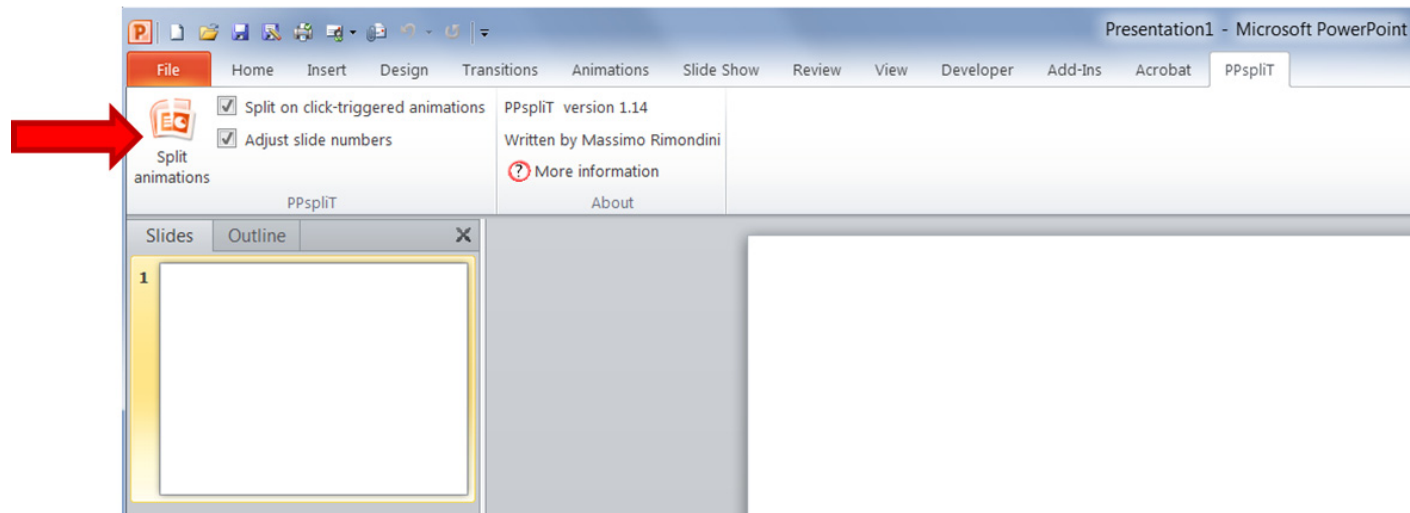
ICQ: 318029813

Windows Live: maxonthenet@tiscali.it

Skype: maxontheskypenet

Yahoo!: maxilbianco

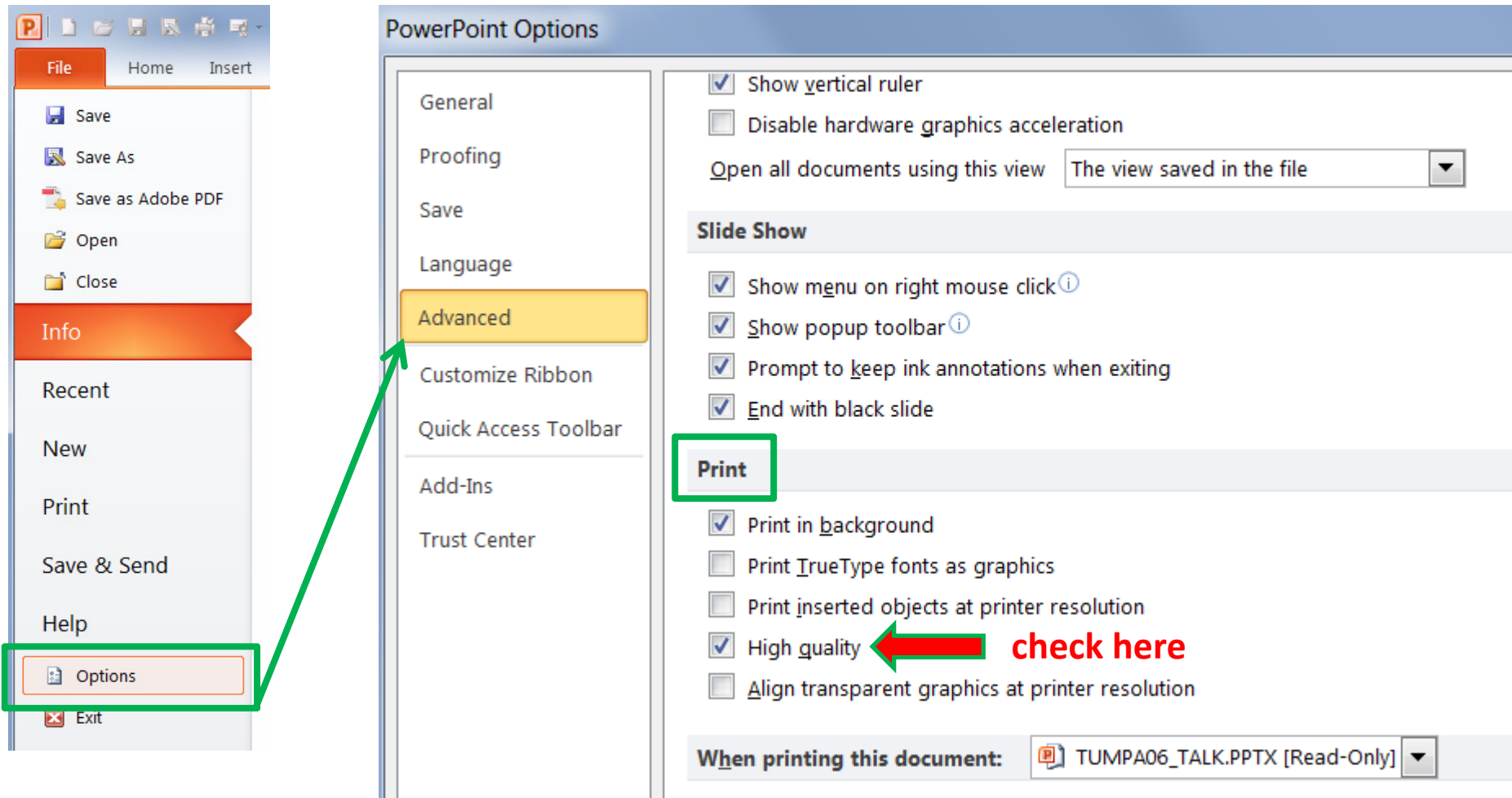
- Download the PPspliT installer from his web page at the following URL and use the supplied password “ppspliT” to unzip the file (latest version is v1.24, Nov 2020).
<http://www.maxonthenet.altervista.org/ppspliT.php>
- After the add-in has been installed PowerPoint offers a new tab named PPspliT. To run the add-in just click the Split animations button on the left.



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PowerPoint: How to enable the High Quality Print Option



PowerPoint Print Option: “High quality” should be enabled

Example PPT slide #1: text box is transparent

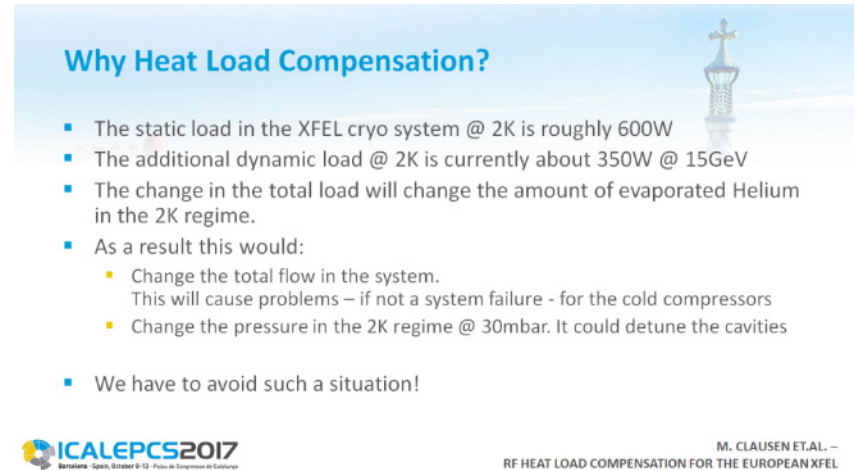


↓ after conversion to PDF
(by Printing to Adobe PDF)

PDF slide #1 => text box transparency disappeared

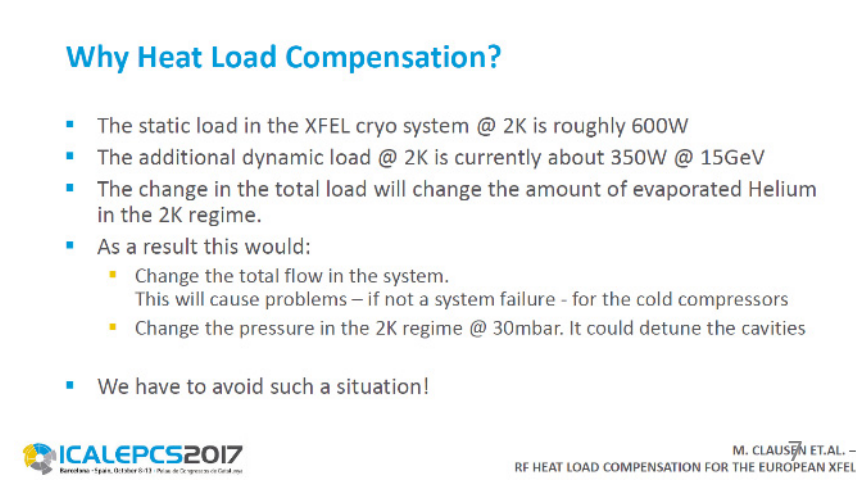


PPT slide #2 => water mark background



↓ after conversion to PDF
(by Printing to Adobe PDF)

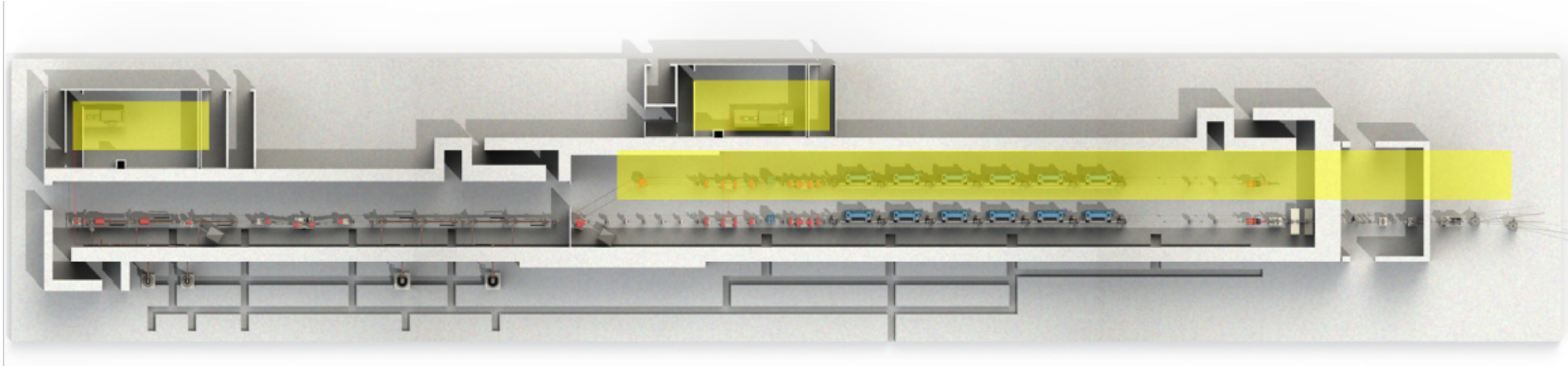
PDF slide #2 => background is gone



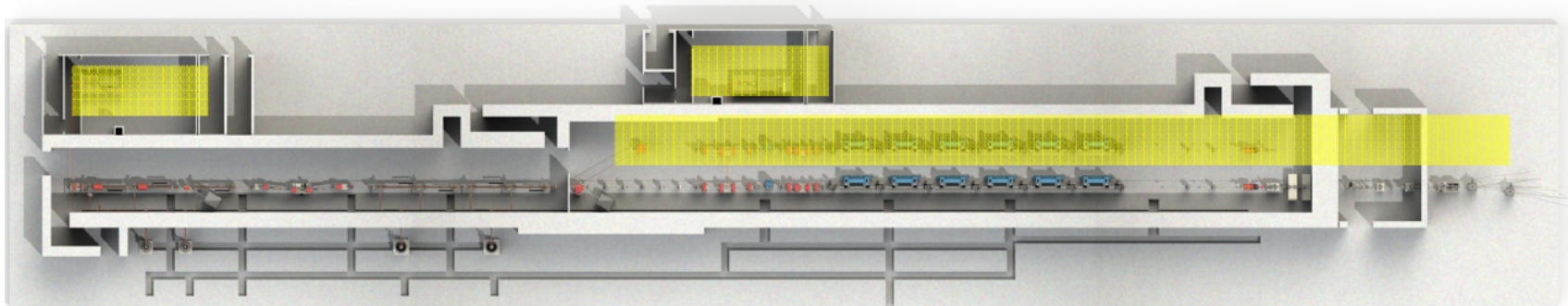
PowerPoint Print Option: “High quality” should be enabled

Example from FEL’17 presentation given by Weiqing Zhang, MOC04

image where the High Quality Print Option was enabled for conversion to PDF:



same image, but High Quality Print Option was disabled ► coarse overlaps

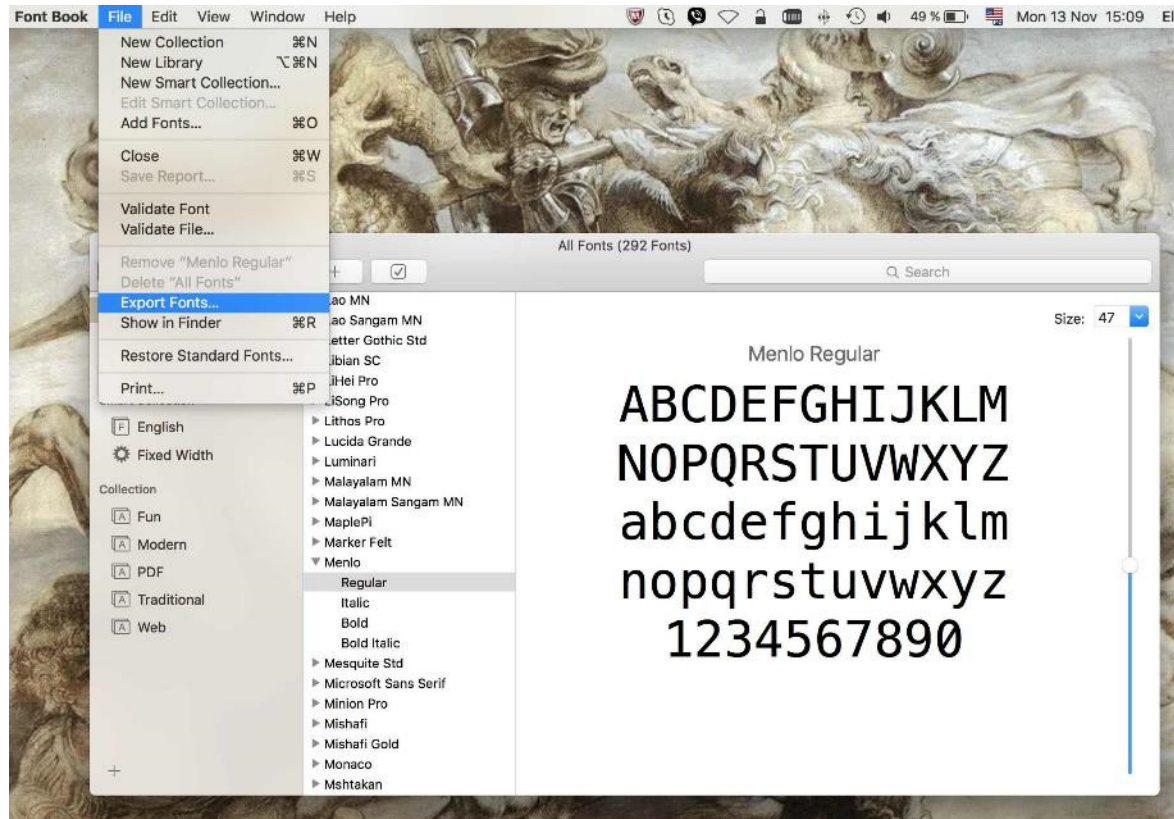


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- ▶ **Installing MAC Fonts on a Windows PC**
- ▶ how to convert wide screen slides - 16:9 or user defined formats

Macintosh fonts

- ▶ MAC fonts are typically not installed on a Windows PC in the proceedings office, therefore the transparency editor needs to install the MAC fonts by himself
- ▶ MAC fonts can be copied from every Macintosh computer, look for **Library/Fonts** and **System/Library/Fonts** or export the fonts from the File menu

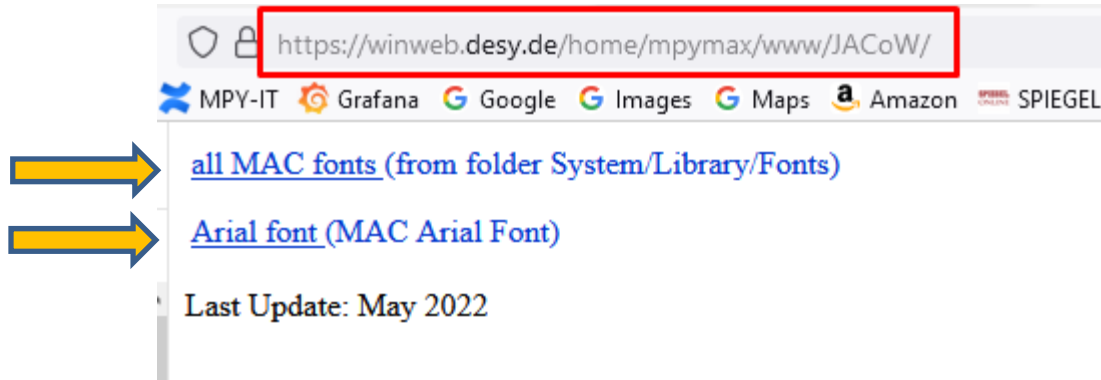


- ▶ copy the MAC fonts into folder C:\Windows\fonts on the Windows PC

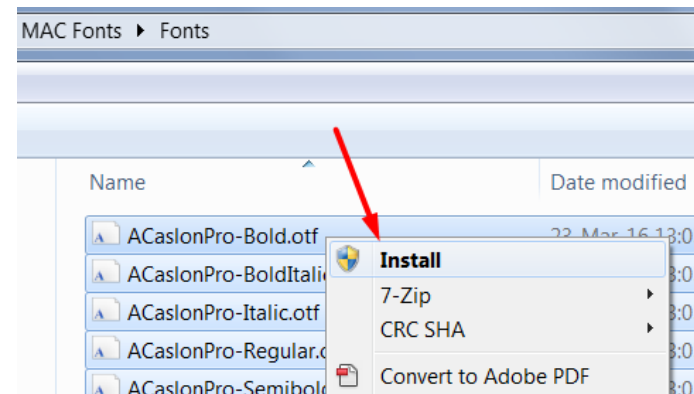
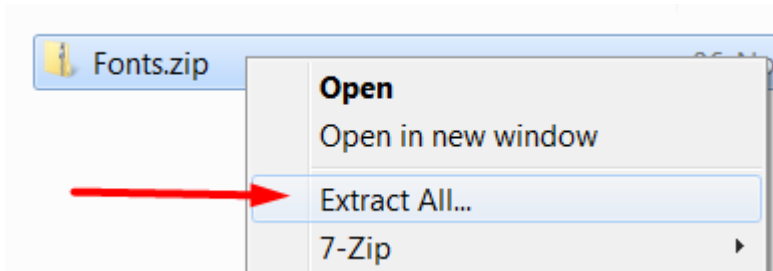
Installation of Macintosh fonts

- MAC fonts can also be downloaded from Michaela's JACoW web page

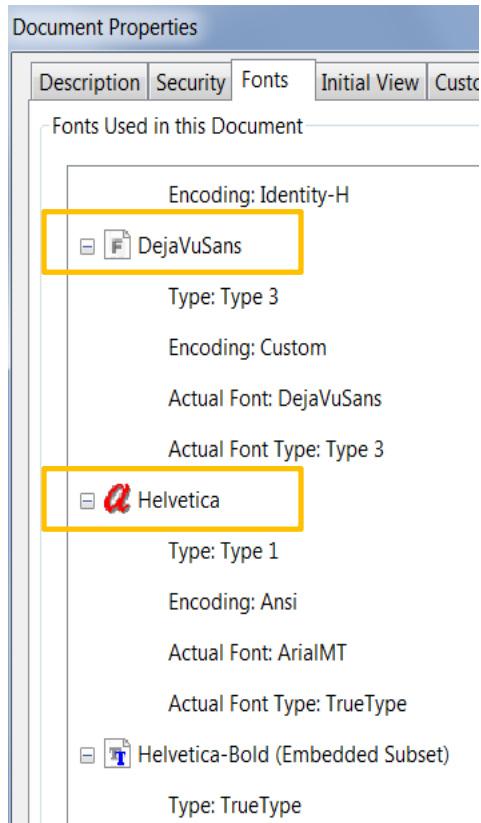
<http://winweb.desy.de/home/mpymax/www/JACoW/>



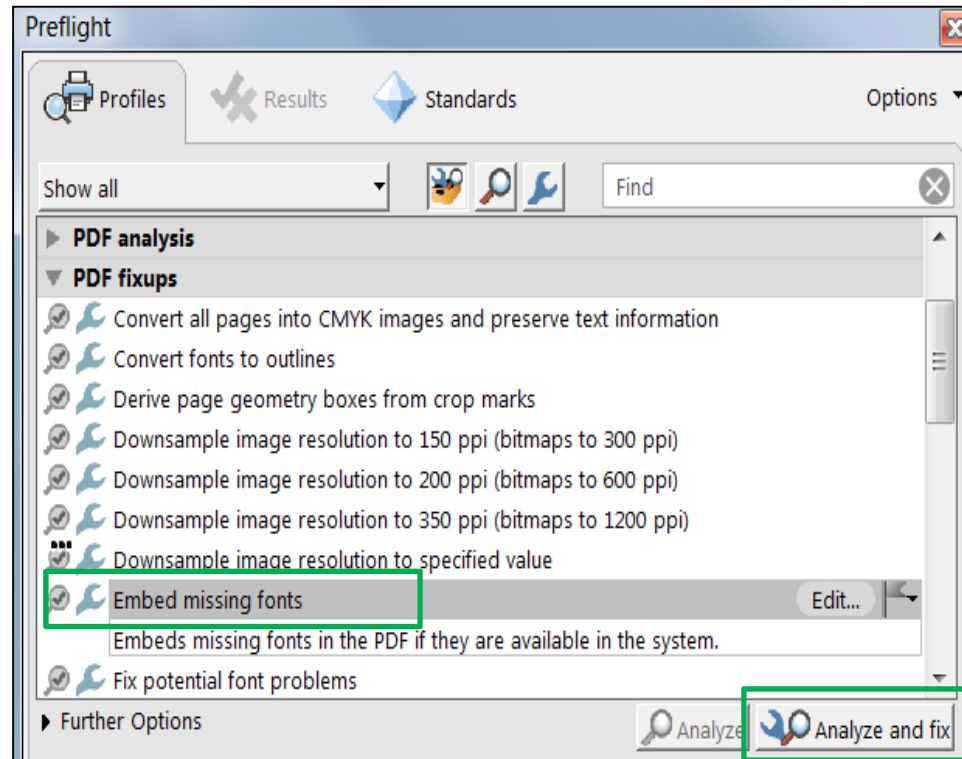
- download both zip files and do a right-mouse-click to extract the files
- do **CTRL+a** to select all files and do a **right-mouse-click to install** the fonts



How to embed missing Macintosh fonts in a PDF file (after the MAC fonts have been installed on your Windows PC)



- ▶ Check the font embedding with **CTRL+d**,
- ▶ here DejaVuSans and Helvetica fonts are not embedded
- ▶ do **SHIFT-CTRL-x**, select “**Embed missing fonts**” and click the button named “**Analyze and fix**”



Topics

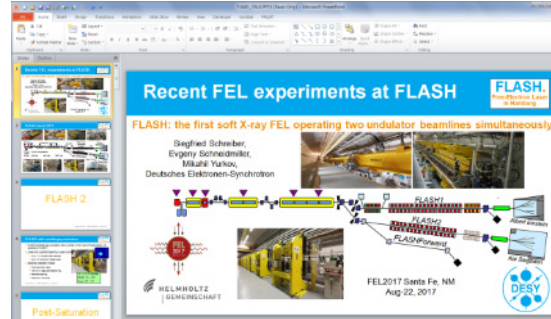
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- ▶ Embedding MAC Fonts on a Windows PC
- ▶ **how to convert wide screen slides - 16:9 or user defined formats**

How to convert different slide formats (e.g. 16:9, 4:3 or custom defined)

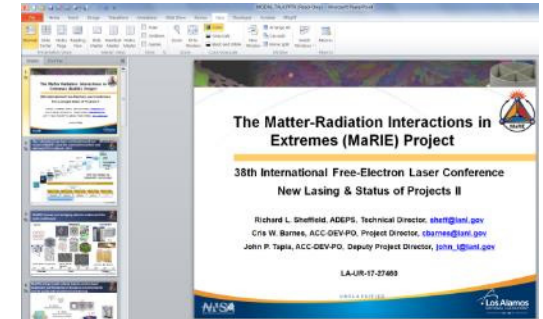
custom format



16:9 On-screen show

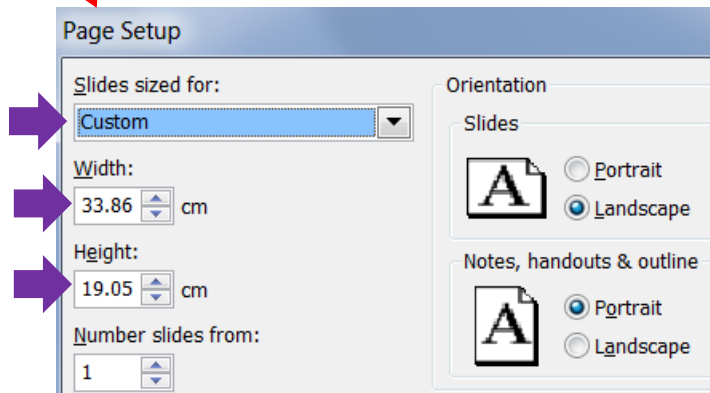
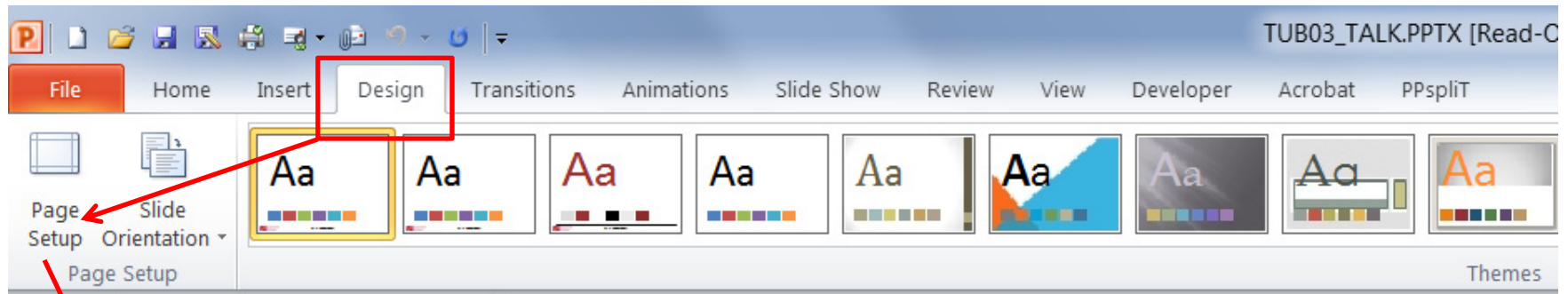


4:3 On-screen show



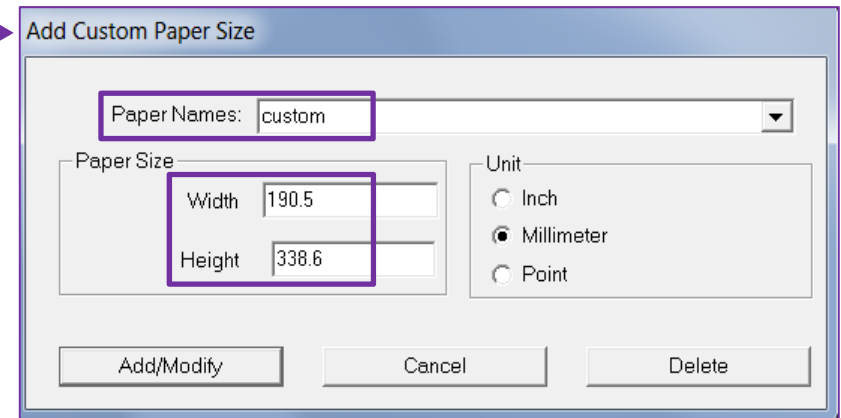
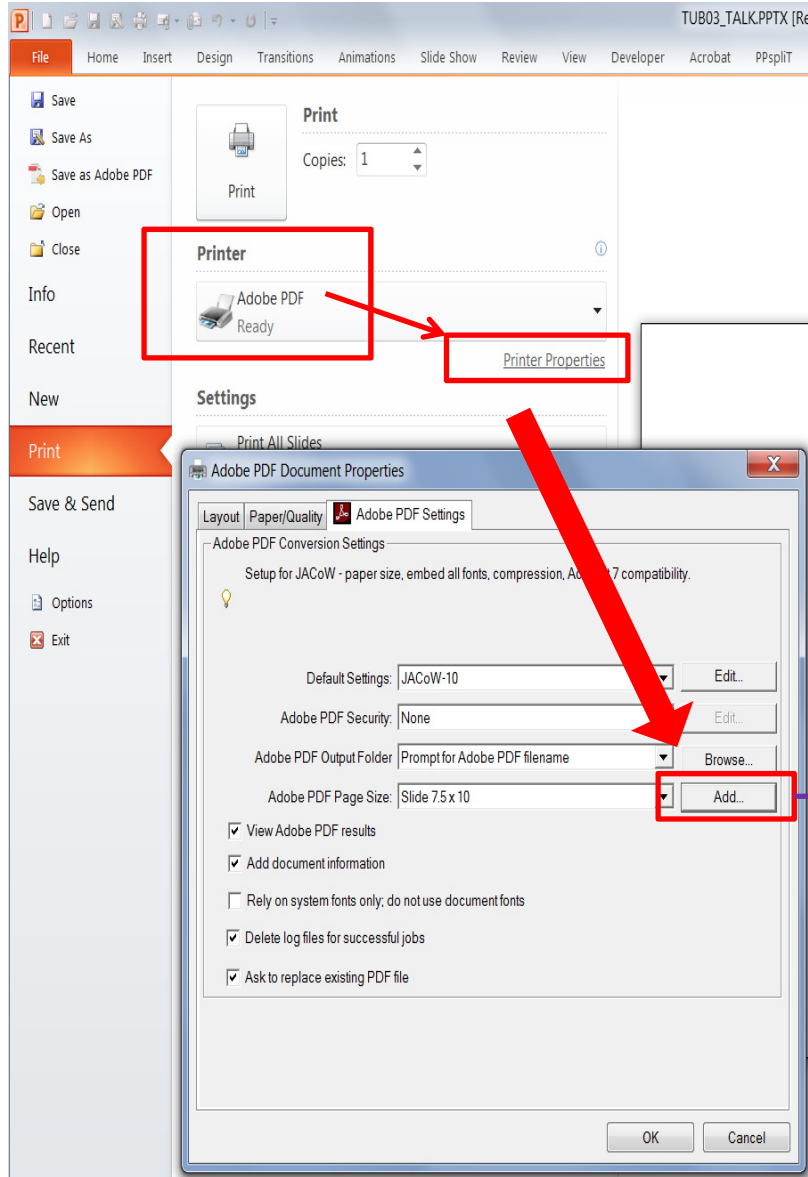
► default slides format for PPT

► to check the format → go to Design → Page Setup

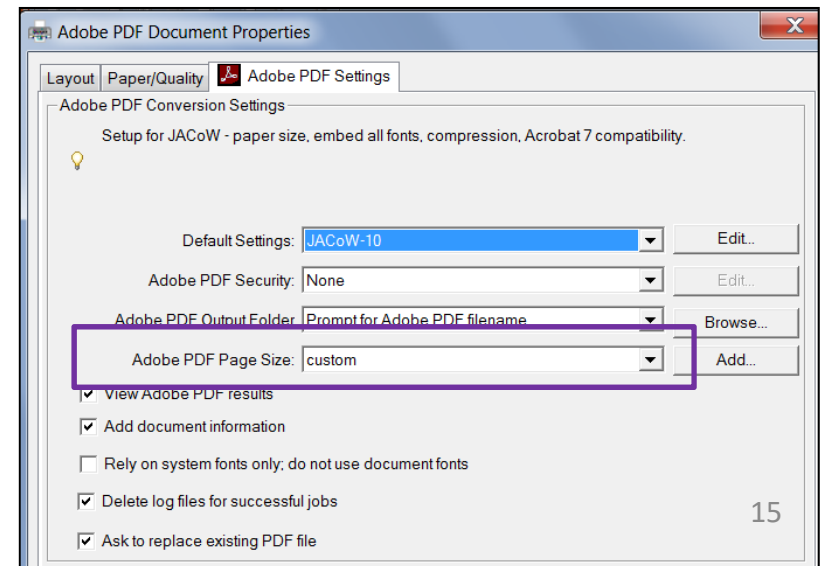


► the **custom format** is a special case where you need to modify the Adobe Printer Properties to define a new PDF Page Size

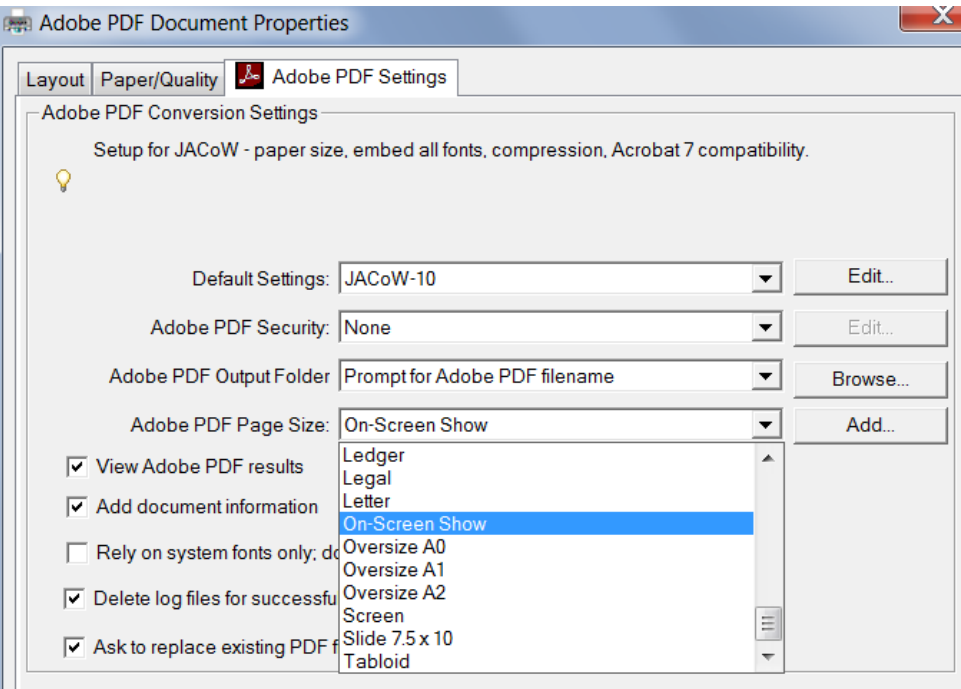
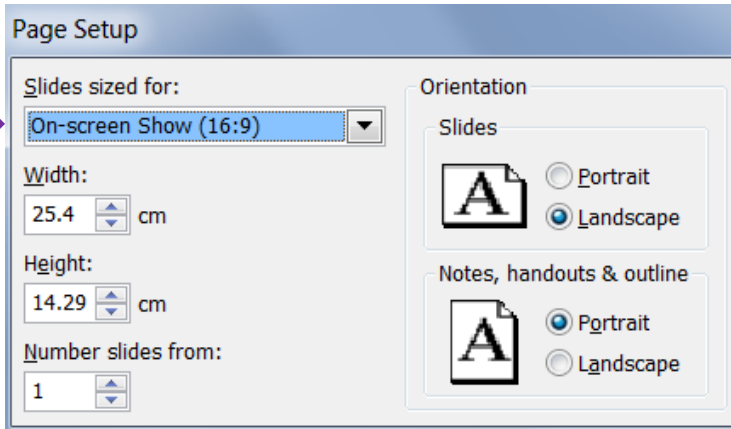
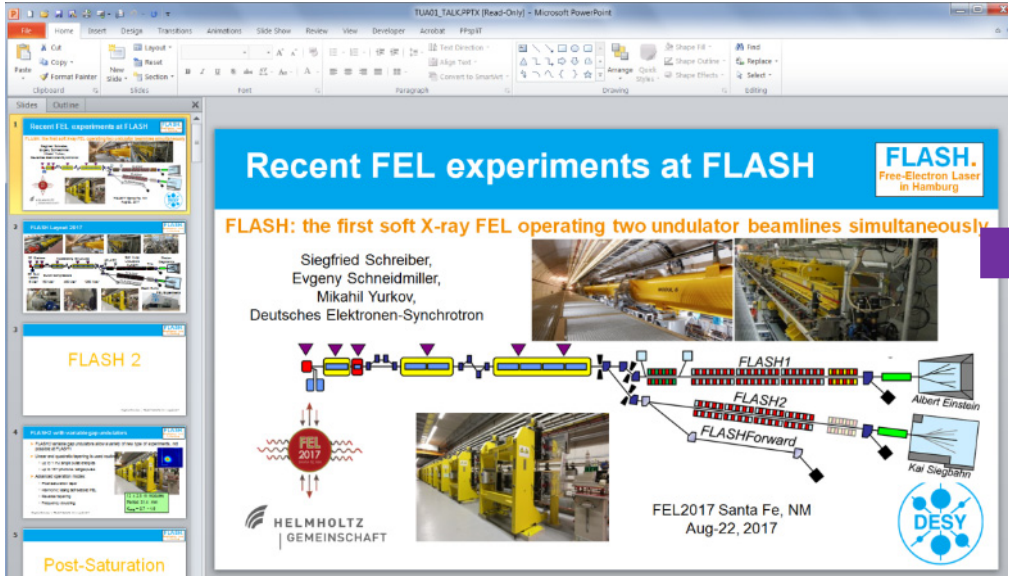
How to convert different slide formats (e.g. a custom defined format)



- ▶ Give the new PDF Page Size a name, e.g “custom” and enter the values for width and height the other way round, which means width will be height and height will be width...
- ▶ select “custom” for the page size to print the slides

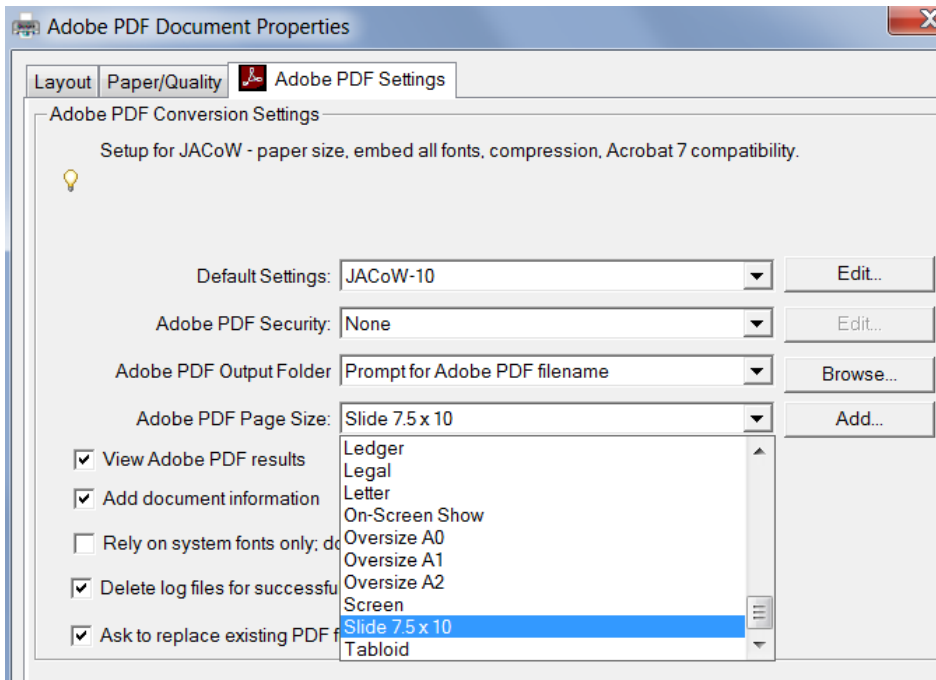
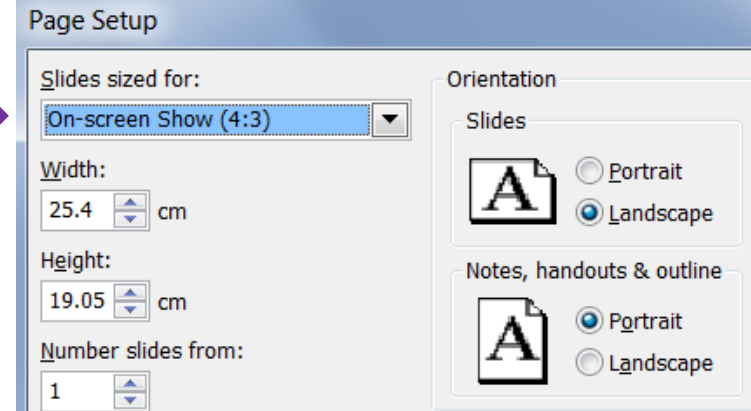
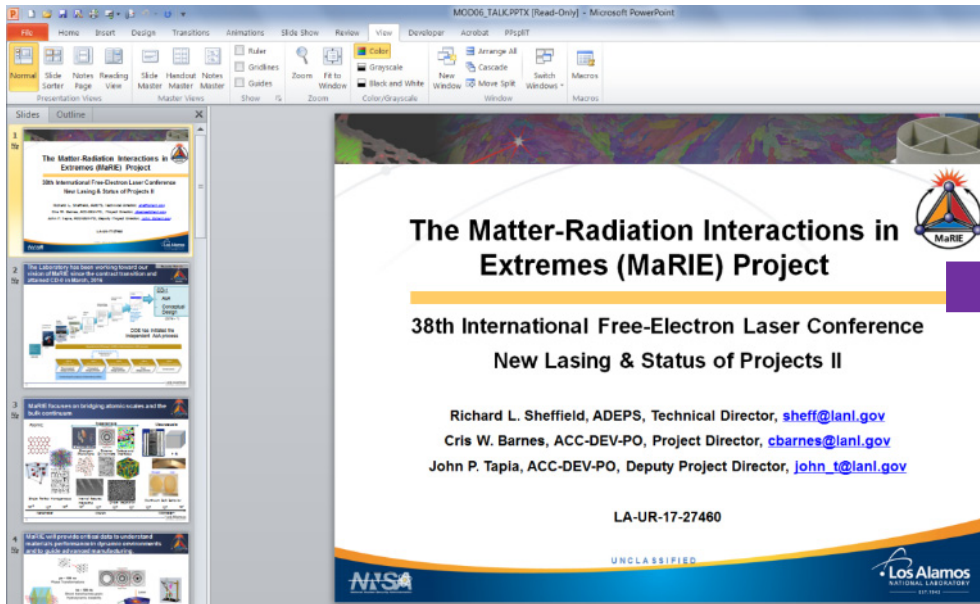


How to convert 16:9 slides



► for the On-screen Show (16:9)
select **On-Screen Show** from
the list of available formats

How to convert 4:3 slides



- for the On-screen Show (4:3) select **Slide 7.5 x 10** from the list of available formats
- this format (4:3) is the default PPT format for slides

End of support for Adobe Flash Player



What to do in Acrobat:

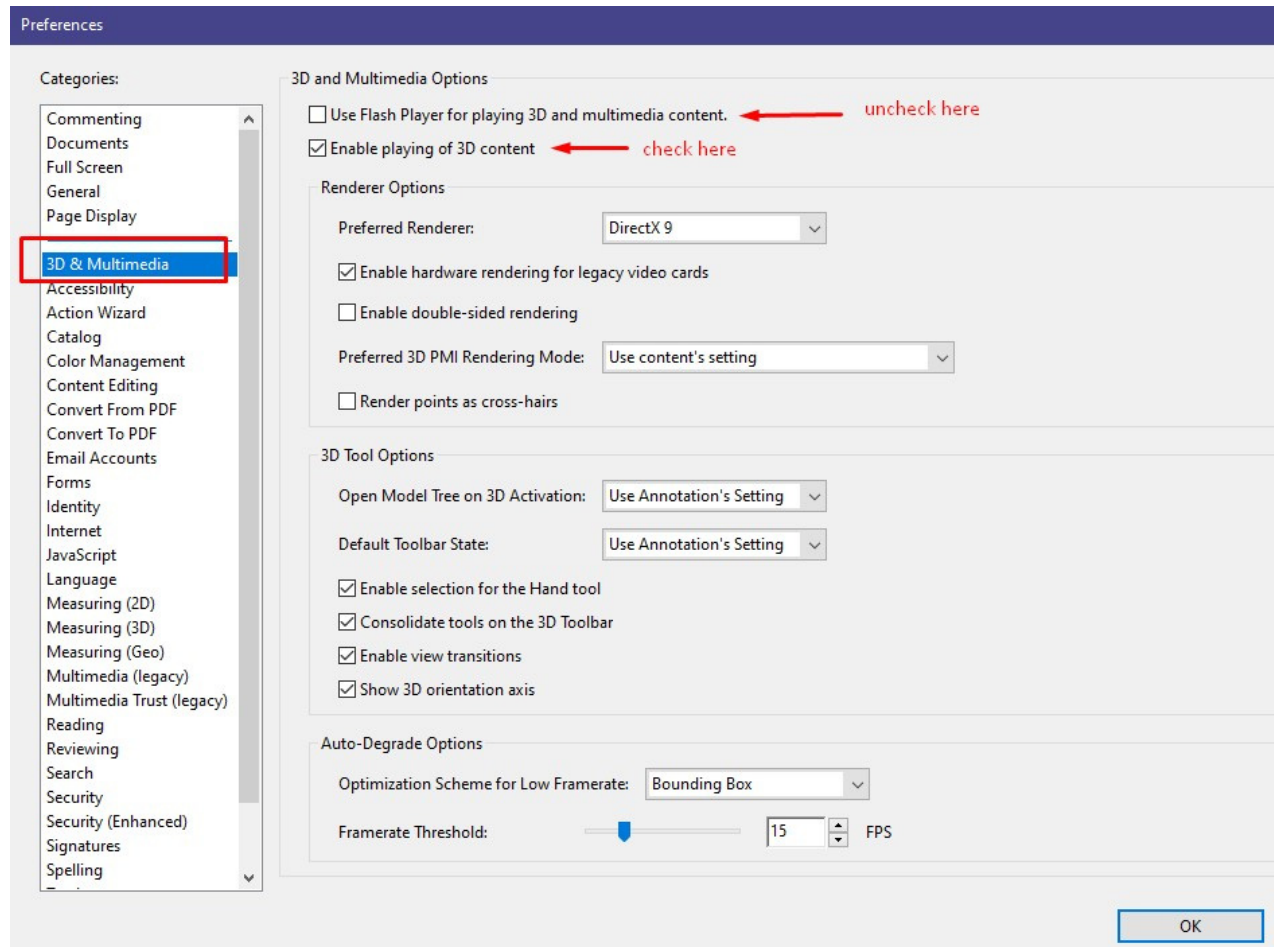
► Acrobat

> Edit

> Preferences

> 3D & Multimedia

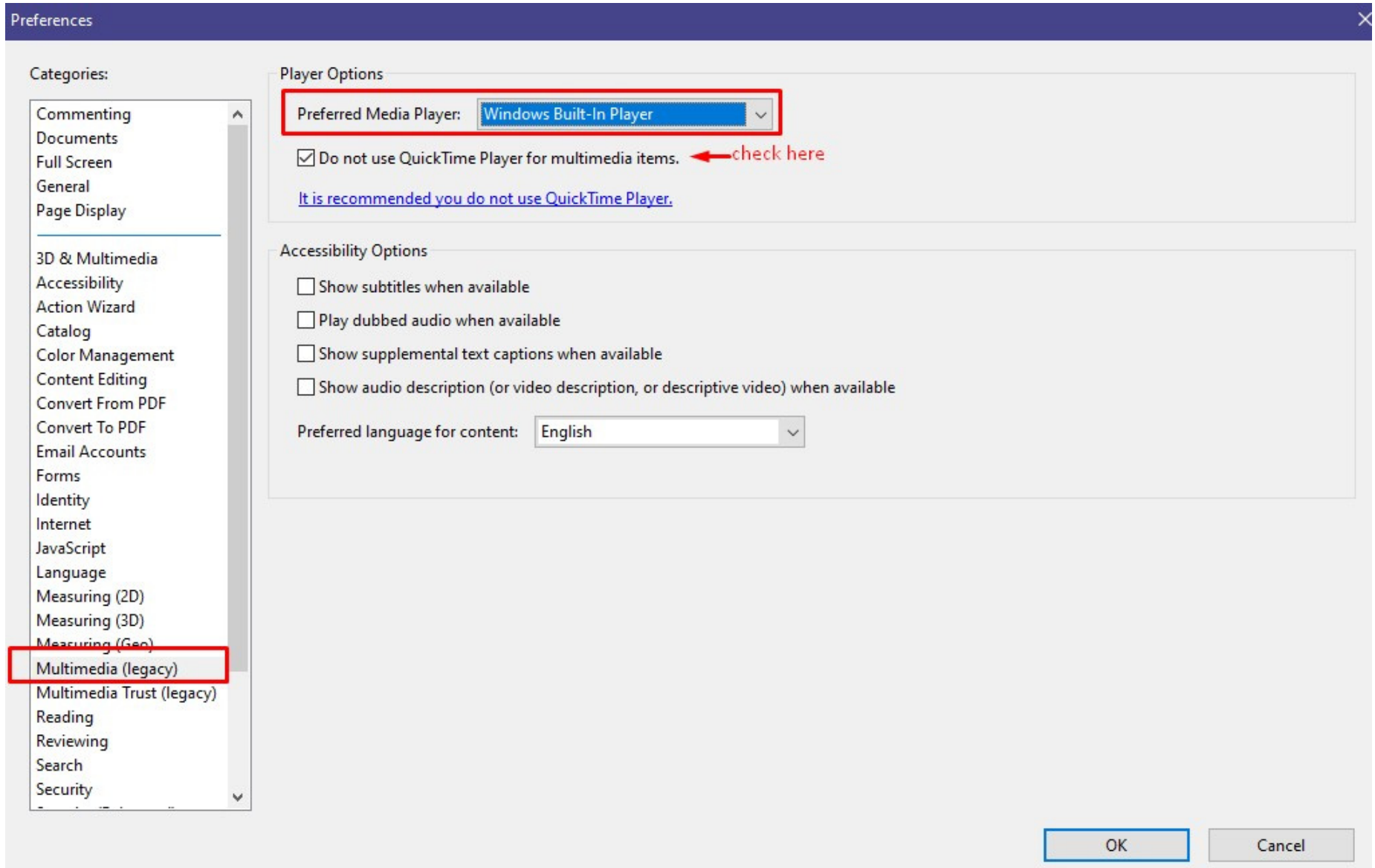
► menu differs for different Acrobat versions



End of support for Adobe Flash Player



► change Player Options to Windows Built-in Player



Summary: Update on Processing Slides (May 2022)

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