

Update on Processing Slides (May 2022)

- what to do before you start -

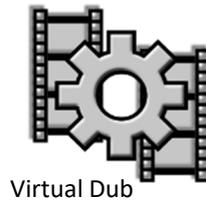
Topics

- ▶ **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

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(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- ▶ **PPspliT replaced the outdated Split Animations Macro**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: maxonthe.net@gmail.com

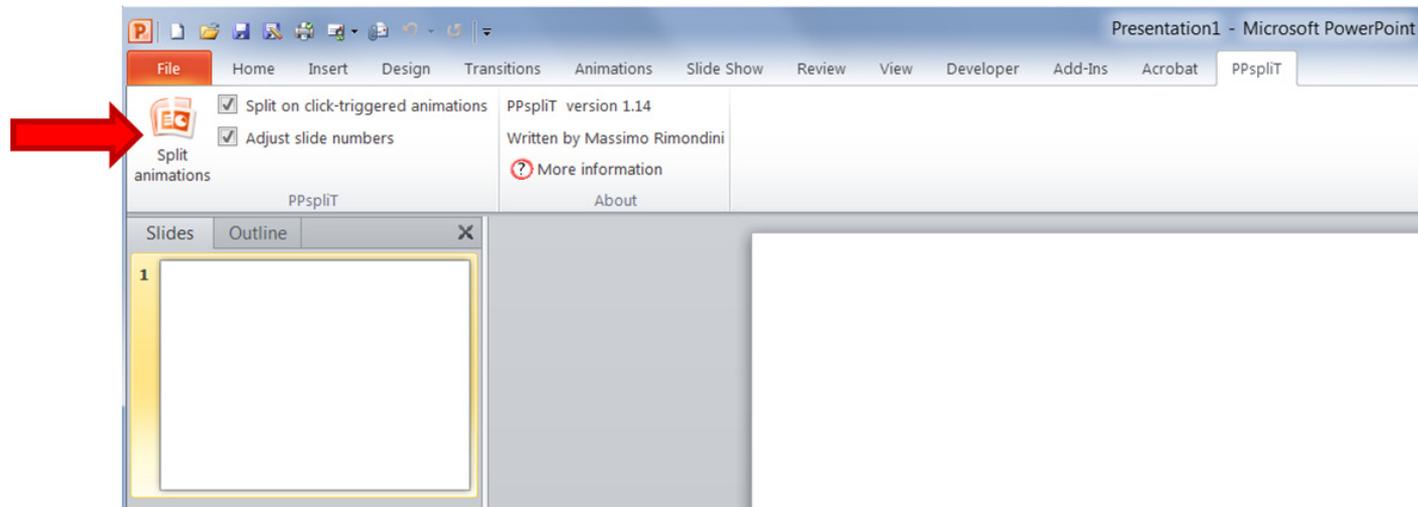
ICQ: 318029813

Windows Live: maxonthe.net@tiscali.it

Skype: maxontheskypenet

Yahoo!: maxilbianco

- ▶ Download the PPsplitT 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

The image shows the PowerPoint Options dialog box with the 'Print' section selected. The 'Options' button in the File ribbon is highlighted with a green box, and a green arrow points from it to the 'Advanced' category in the left pane. The 'Print' section in the right pane is also highlighted with a green box, and a red arrow points to the 'High quality' checkbox, which is checked. The text 'check here' is written in red next to the arrow.

File Home Insert

- Save
- Save As
- Save as Adobe PDF
- Open
- Close

Info

- Recent
- New
- Print
- Save & Send
- Help
- Options
- Exit

PowerPoint Options

- General
- Proofing
- Save
- Language
- Advanced**
- Customize Ribbon
- Quick Access Toolbar
- Add-Ins
- Trust Center

Show vertical ruler

Disable hardware graphics acceleration

Open all documents using this view: The view saved in the file

Slide Show

- Show menu on right mouse click
- Show popup toolbar
- Prompt to keep ink annotations when exiting
- End with black slide

Print

- Print in background
- Print TrueType fonts as graphics
- Print inserted objects at printer resolution
- High quality
- Align transparent graphics at printer resolution

When printing this document: TUMPA06_TALK.PPTX [Read-Only]

PowerPoint Print Option: “High quality” should be enabled

Example PPT slide #1: text box is transparent

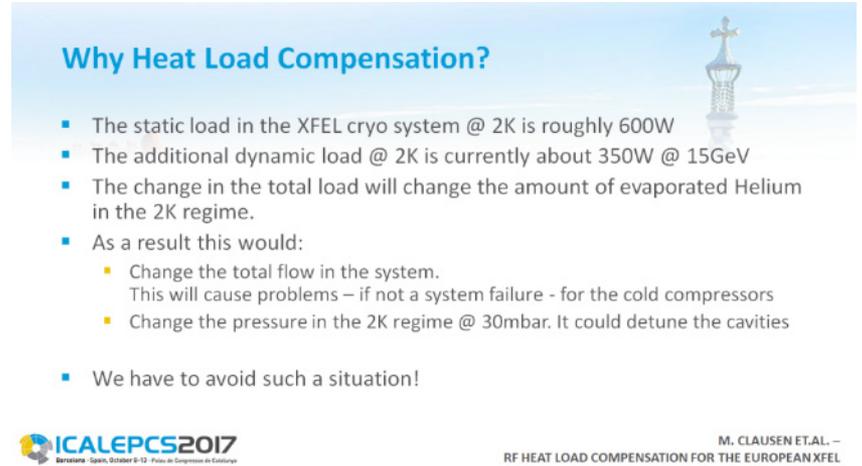


↓ after conversion to PDF
(by Printing to Adobe PDF)

PDF slide #1 => text box transparency disappeared

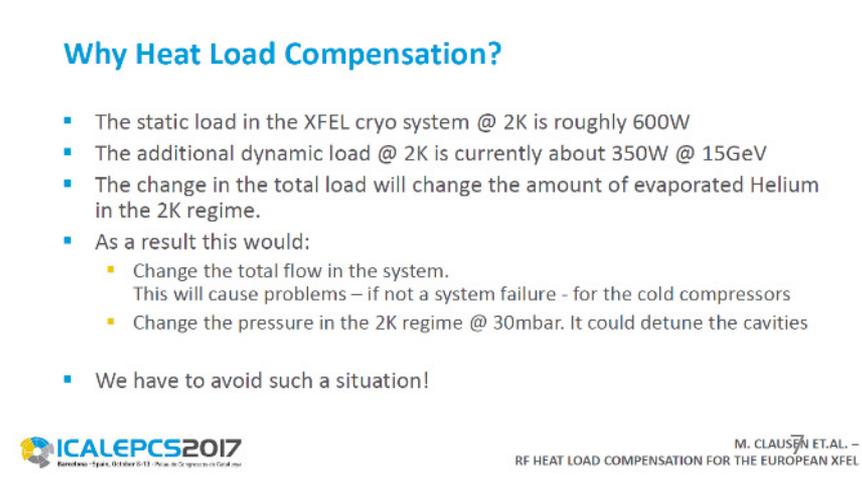


PPT slide #2 => water mark background



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

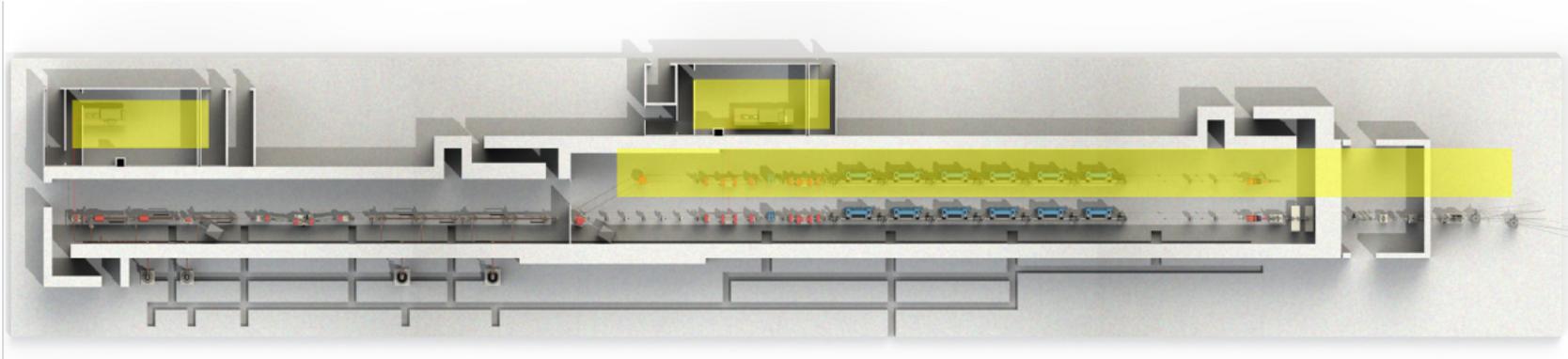
PDF slide #2 => background is gone



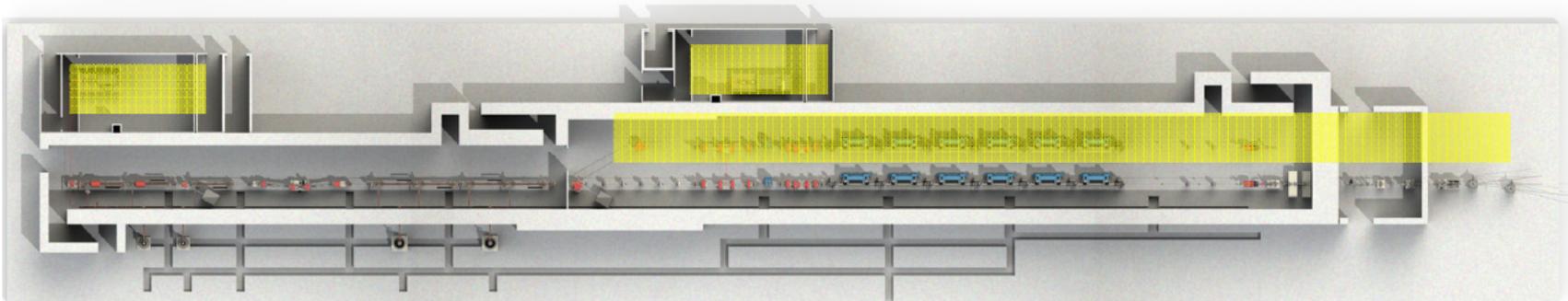
PowerPoint Print Option: “High quality” should be enabled

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

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



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

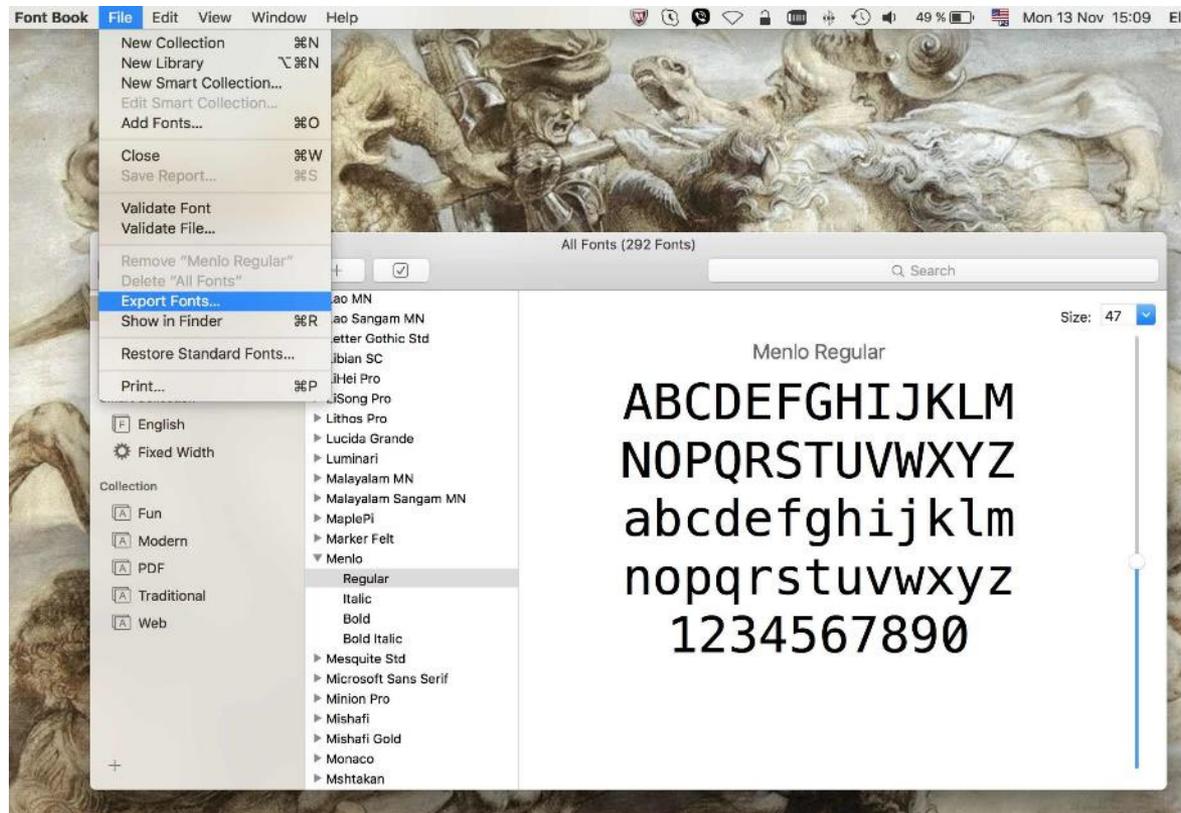


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- ▶ PPspliT replaced the outdated Split Animations Macro
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- ▶ **Installing MAC Fonts on a Windows PC**
- ▶ how to convert wide screen slides - 16:9 or user defined formats

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

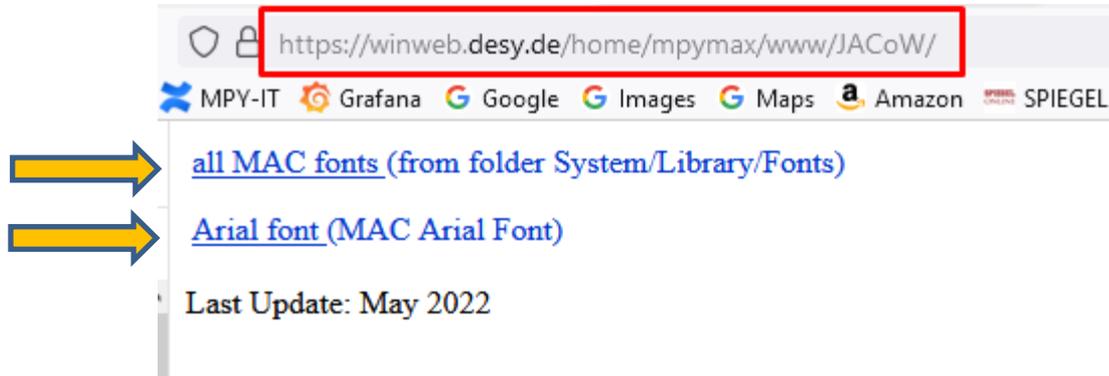


- ▶ copy the MAC fonts into folder C:\Windows\fonts on the Windows PC

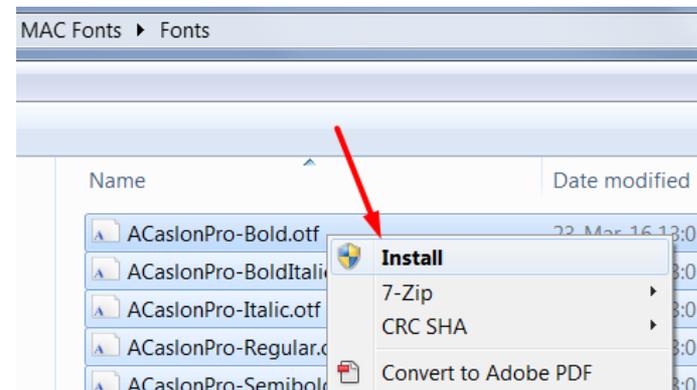
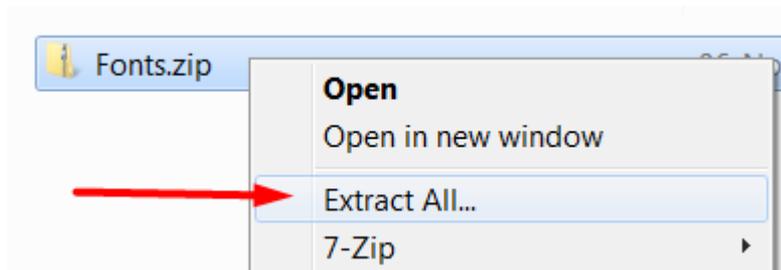
Installation of Macintosh fonts

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

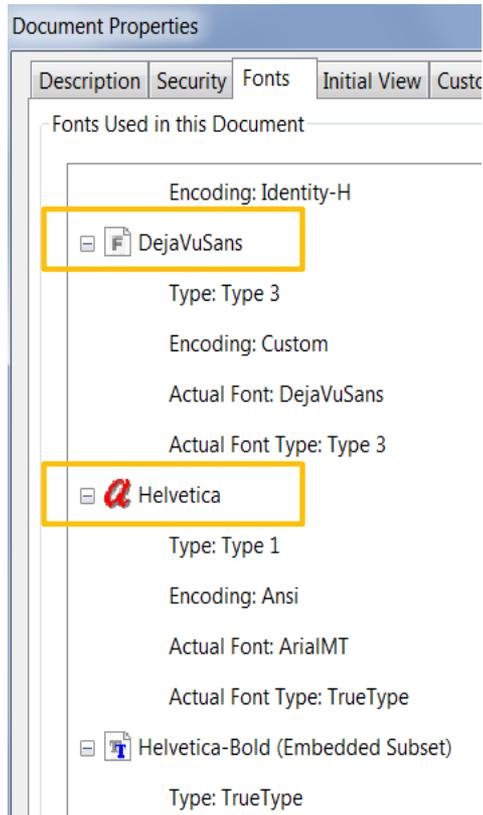
<http://winweb.desy.de/home/mpymax/www/JACoW/>



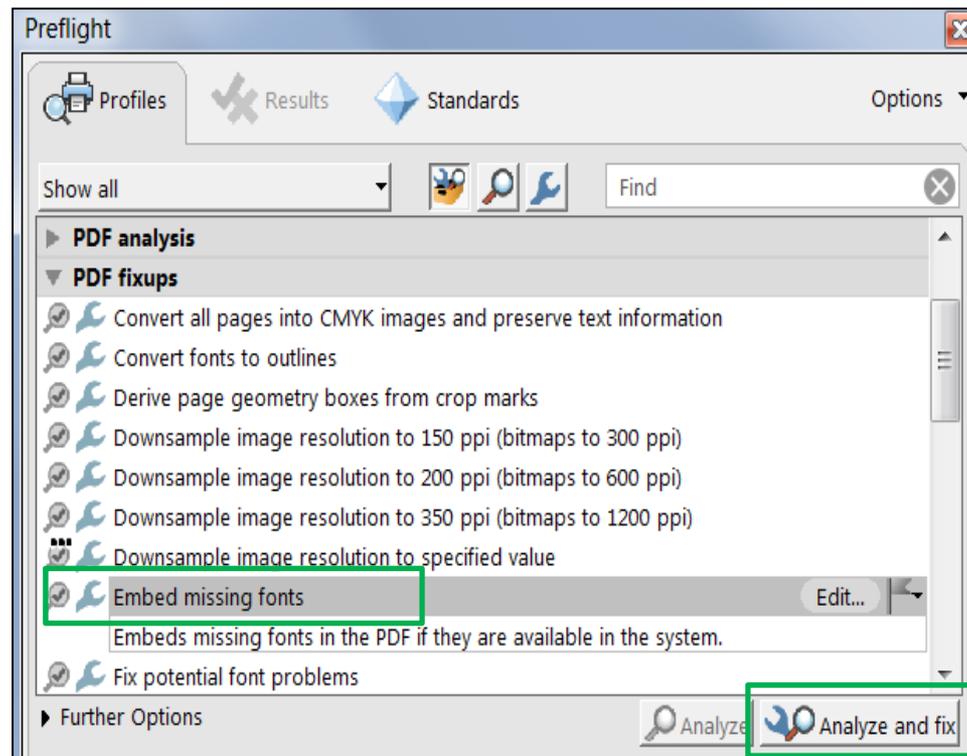
- ▶ download both zip files and do a right-mouse-click to extract the files
- ▶ do **CTRL+a** to select all files and do a **right-mouse-click to install** the fonts



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**”

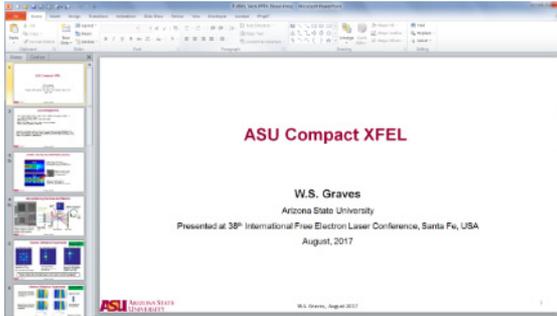


Topics

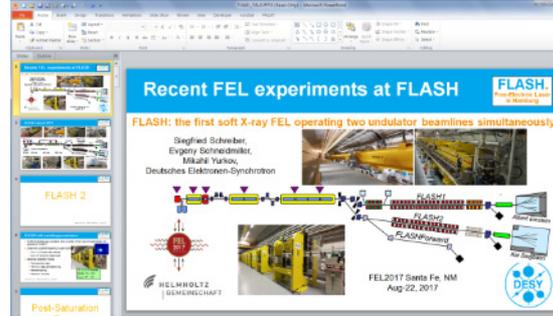
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- ▶ **how to convert wide screen slides - 16:9 or user defined formats**

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

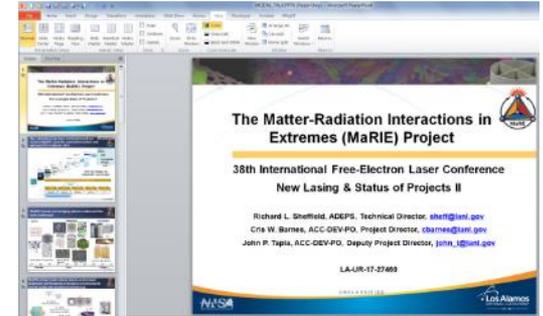
custom format



16:9 On-screen show

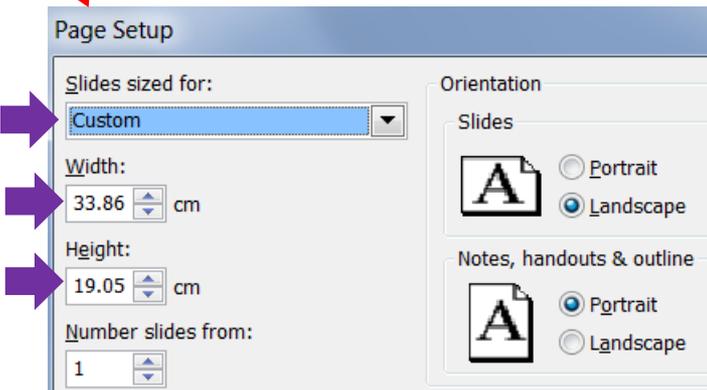
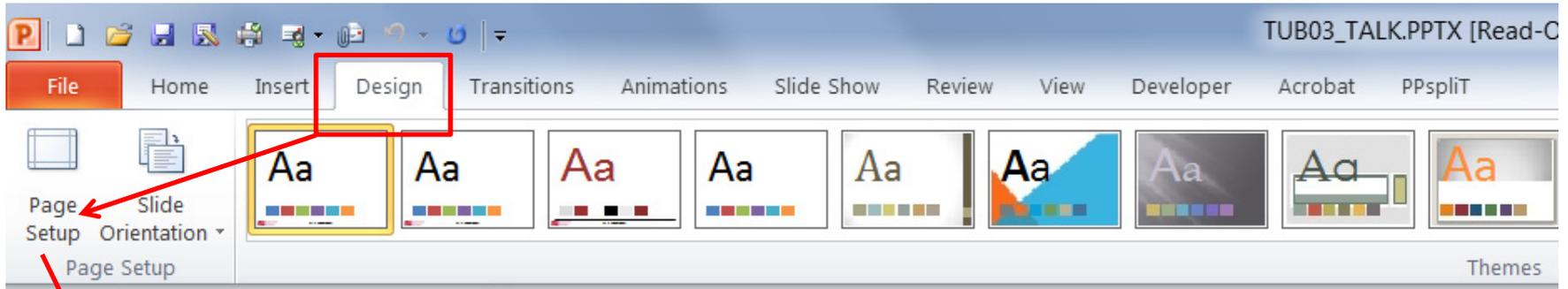


4:3 On-screen show



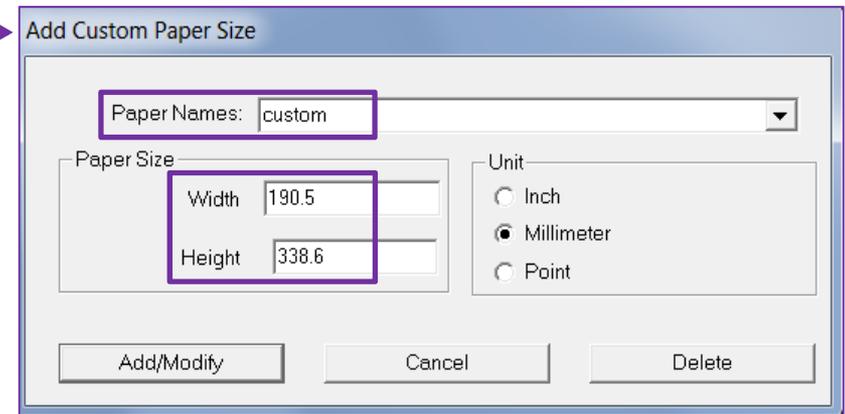
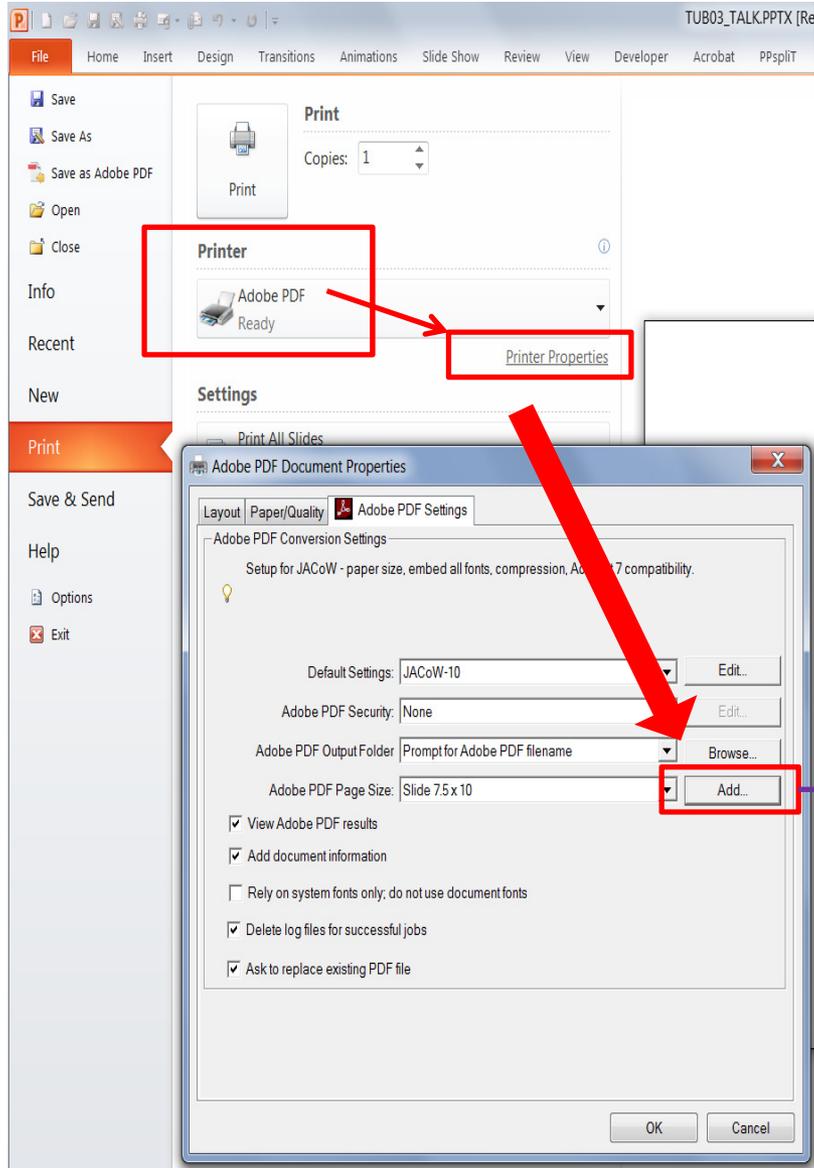
▶ default slides format for PPT

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

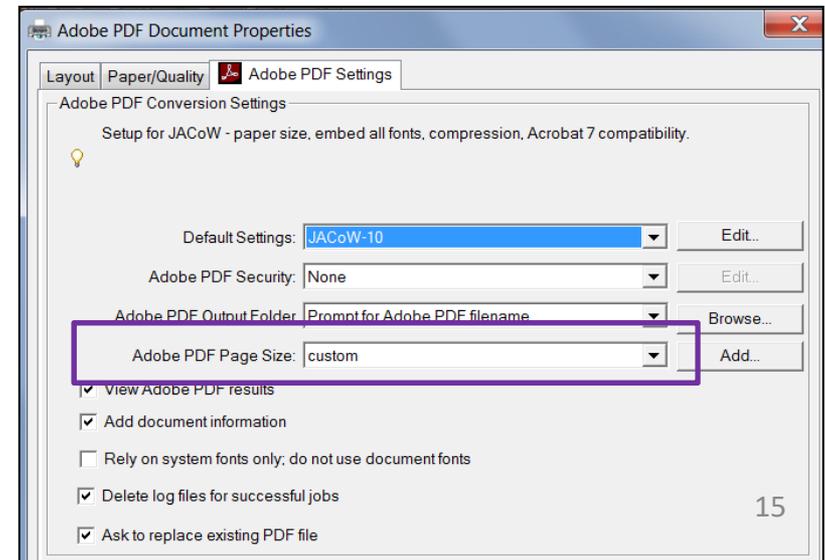


▶ the **custom format** is a special case where you need to modify the Adobe Printer Properties to define a new PDF Page Size

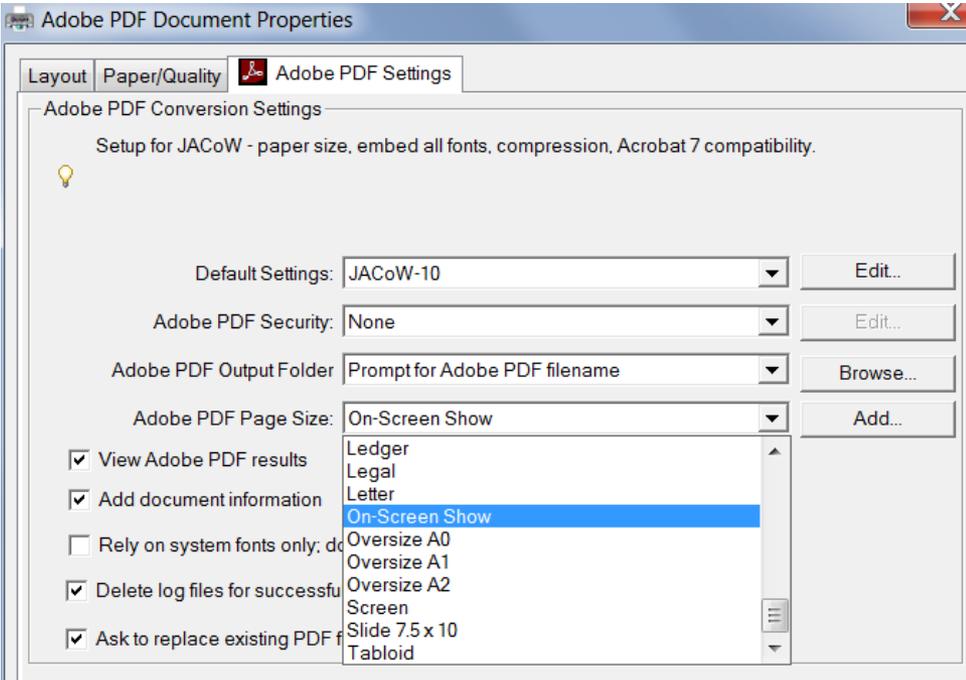
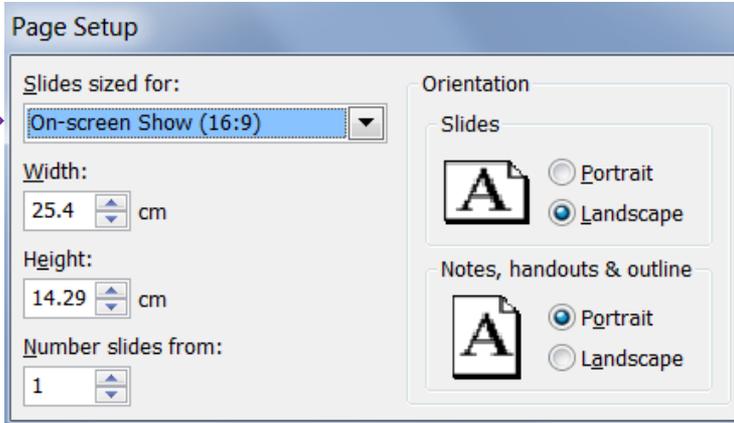
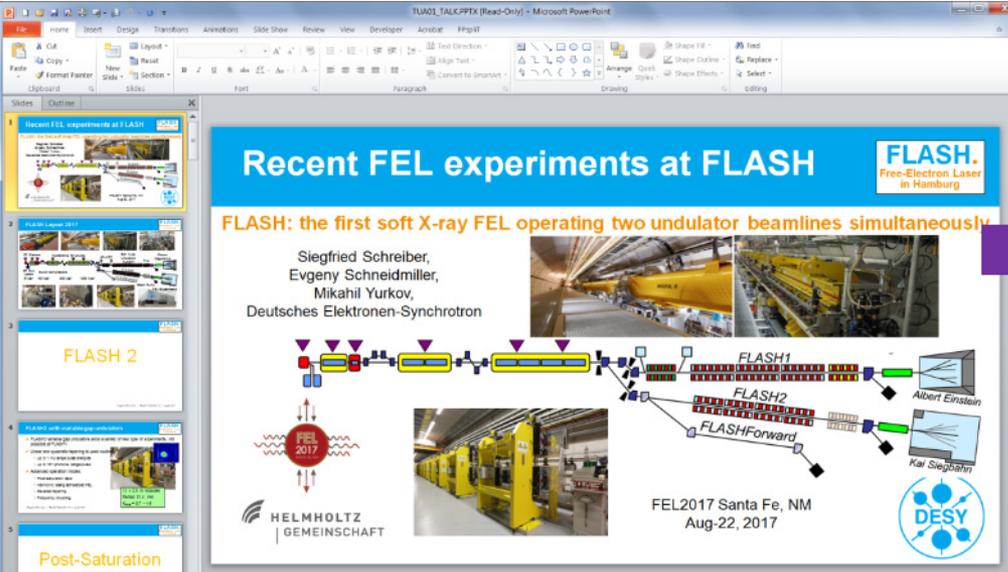
How to convert different slide formats (e.g. a custom defined format)



- ▶ 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

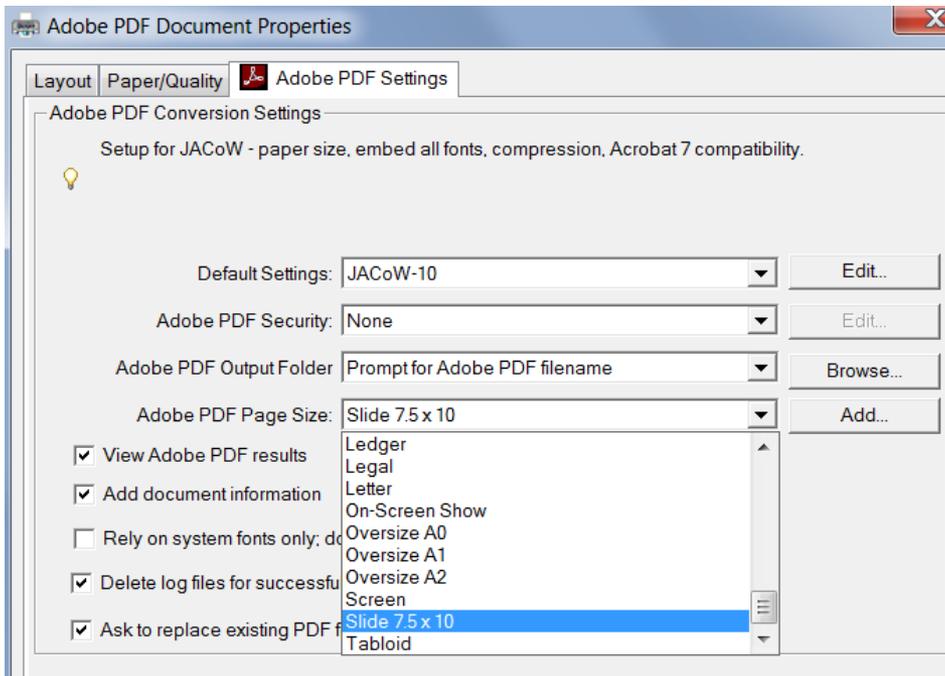
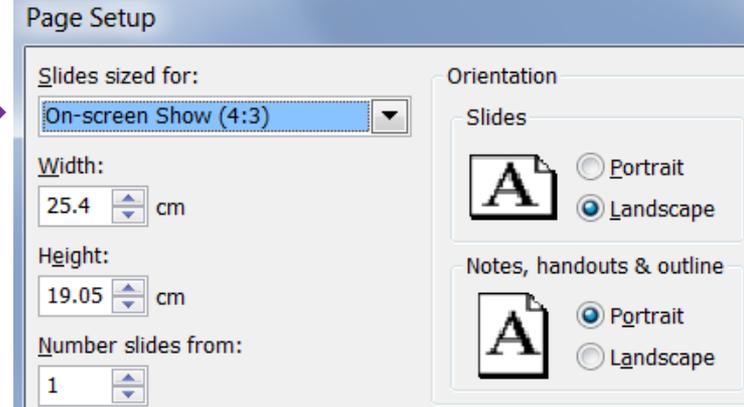
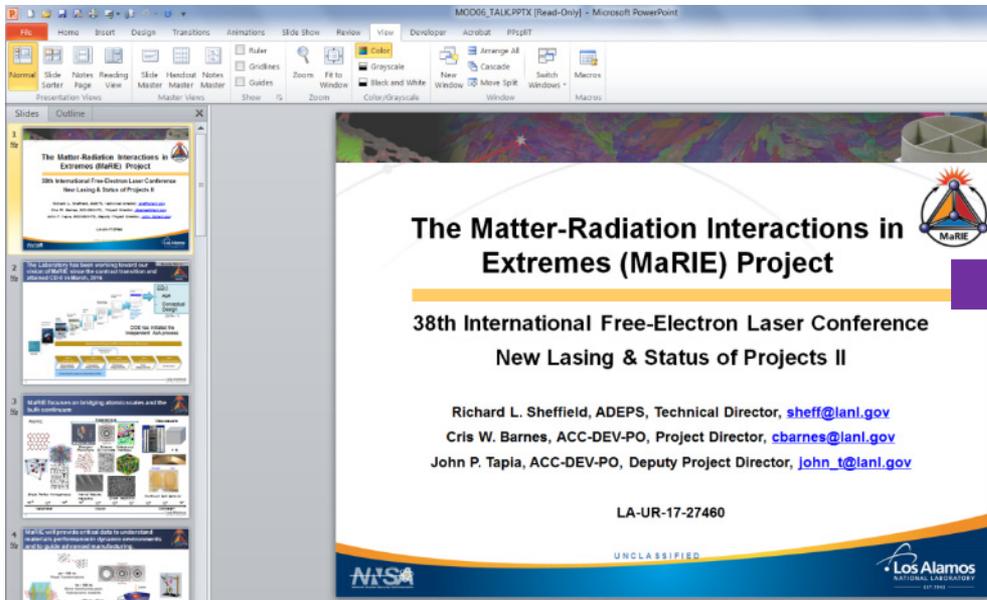


How to convert 16:9 slides



► 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



 Thank you for using Adobe Flash Player.

Adobe's support for Flash Player will end on December 31st, 2020. Please see the [Adobe Flash Player EOL General Information Page](#) for more details. If you do not need to access Flash content, we recommend that you remove Flash Player from your system by clicking the 'Uninstall' button below.

What to do in Acrobat:

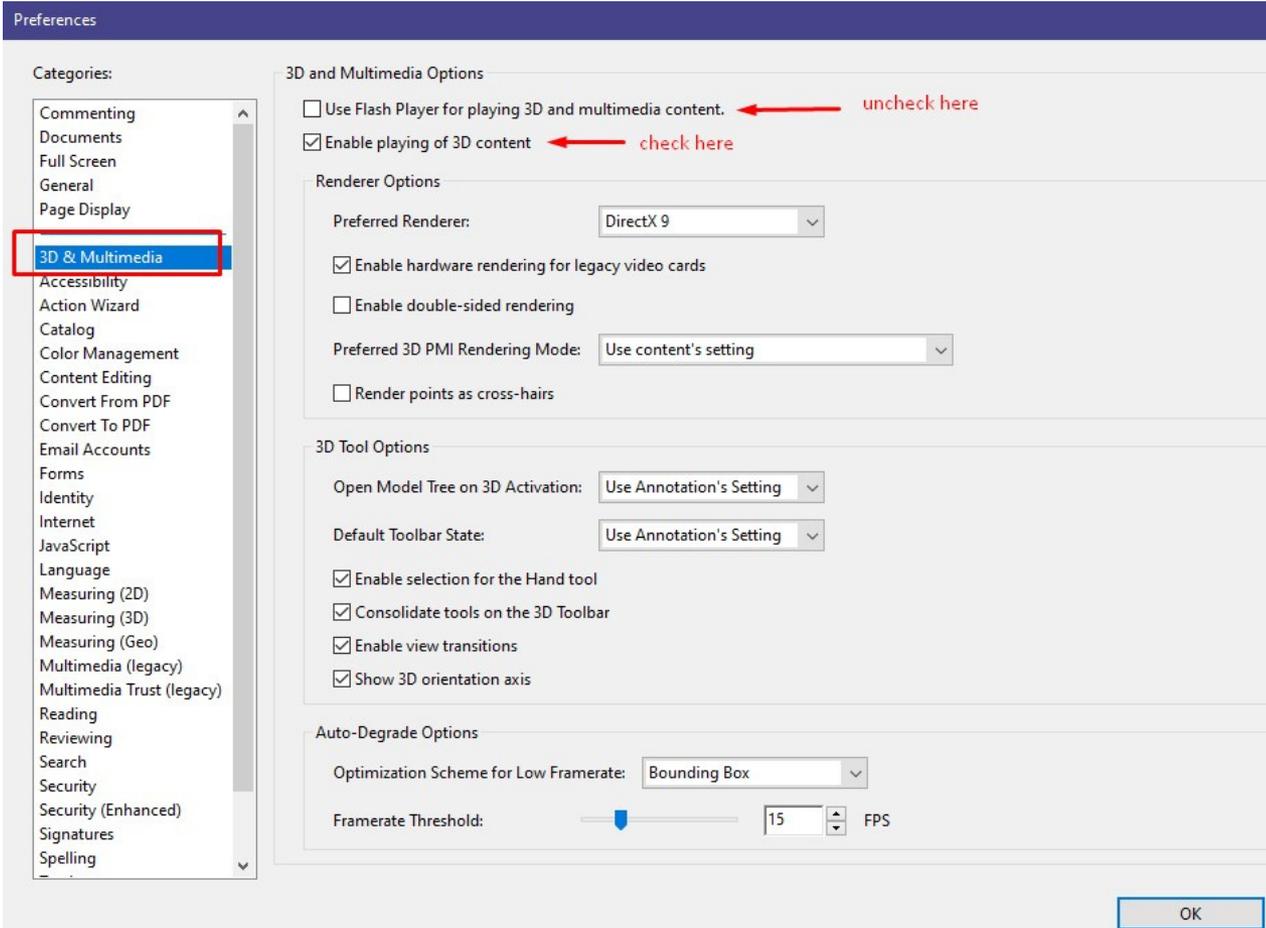
► Acrobat

> Edit

> Preferences

> 3D & Multimedia

► menu differs for different Acrobat versions



The screenshot shows the 'Preferences' dialog box in Adobe Acrobat. The 'Categories' list on the left has '3D & Multimedia' selected and highlighted with a red box. The main panel shows the '3D and Multimedia Options' section. In this section, the checkbox 'Use Flash Player for playing 3D and multimedia content.' is unchecked, with a red arrow pointing to it and the text 'uncheck here'. The checkbox 'Enable playing of 3D content' is checked, with a red arrow pointing to it and the text 'check here'. Other options include 'Renderer Options' (Preferred Renderer: DirectX 9), '3D Tool Options' (Open Model Tree on 3D Activation: Use Annotation's Setting, Default Toolbar State: Use Annotation's Setting), and 'Auto-Degrade Options' (Optimization Scheme for Low Framerate: Bounding Box, Framerate Threshold: 15 FPS). An 'OK' button is visible at the bottom right.

End of support for Adobe Flash Player



► change Player Options to Windows Built-in Player

Preferences

Categories:

- Commenting
- Documents
- Full Screen
- General
- Page Display
- 3D & Multimedia
- Accessibility
- Action Wizard
- Catalog
- Color Management
- Content Editing
- Convert From PDF
- Convert To PDF
- Email Accounts
- Forms
- Identity
- Internet
- JavaScript
- Language
- Measuring (2D)
- Measuring (3D)
- Measuring (Geo)
- Multimedia (legacy)**
- Multimedia Trust (legacy)
- Reading
- Reviewing
- Search
- Security

Player Options

Preferred Media Player: **Windows Built-In Player**

Do not use QuickTime Player for multimedia items. ← check here

[It is recommended you do not use QuickTime Player.](#)

Accessibility Options

- Show subtitles when available
- Play dubbed audio when available
- Show supplemental text captions when available
- Show audio description (or video description, or descriptive video) when available

Preferred language for content: English

OK Cancel

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