Videoverarbeitung – 188.346

Exercise 3 – Freestyle

The goal of this exercise is to create a freestyle video with the tools that you learned in the previous exercises. You will also learn at least one new advanced effect.

For this exercise you need to hand in your:

- .hfp   files (project files of HITFILM)
- .mp4   files (exported videos - your results)

Compress all of the above files into a **.zip file** and upload it onto TUWEL until the respective deadline.

For this exercise you can reach a total of **100 points** that are calculated as follows:

- 45 points if you fulfill the task according to the instruction
- 45 points depending on how well and detailed the effects are implemented
- 10 points for the discussion including your reflections upon your work

For this exercise, you also need to hand in **one**

- .txt/.doc/.pdf file (containing your discussion)

You can do the exercise either **by yourself** or in **groups** of **two** or **three** people!

The requirements change depending on the number of group members!!!

Obligatory Points for your Freestyle Video

- The video has to be between
    - 1:30 and 4:00 minutes long if you work by yourself
    - 2:00 and 4:30 long in groups of two and
    - 2:30 and 5:00 long in groups of three

- You have to use at least 3 scenes either filmed by yourself or from YouTube etc.

- You have to use background music and at least 2 different sound effects.

- You may include voice if you want to.

- Your video has to have an intro screen with the title of your movie.
    - The text and the fade in and out have to be animated.
    - You can also generate a logo for your move in another program and include it into HITFILM.

- You have to tell a little story with the selected clips, they have to make sense. (This can also be an elaborate meme, a music video or a short film) Just don't make a slideshow of some special effects.

!!!You have to implement complex effects from the list beneath!!!

- 1 student => 1 complex effect obligatory
- 2 students => 2 complex effects obligatory
- 3 students => 3 complex effects obligatory

Discussion

- Discuss your results! What do you like about your result and what could be improved? What is the story of your short movie and how did you choose the effects, music and sound effects to support your story. **!!!Also mention the names of your group members as well as your chosen complex effect(s)!!!**

Complex Effect 1: Bezier Morphing

https://www.youtube.com/watch?v=LDcLZnxH8H0&

Complex Effect 2: Glitches using Fractal Noise and Color Shifts (Tint + Shake)

https://www.youtube.com/watch?v=wTrom_Qh6Bs&

Complex Effect 3: Include custom images using Tracking and integrate it nicely into the scene as shown in the tutorial video

https://www.youtube.com/watch?v=CzxTxZvu-tY&

https://www.youtube.com/watch?v=tF3jr948C-0&

The first video shows you how to create the object for the integration. Add animations of parts of your image as shown in video 1. Use tracking and the other effects to integrate it into the scene as shown in video 2. You neither need to include the particle system of video 1 nor the beams of video 2. You can use the "Heat Distortion" instead of the "Energy Distortion", which is not included in HITFILM.

Complex Effect 4: Using "3D Tracking" to align animated images

https://www.youtube.com/watch?v=uxxbjKePb1I

https://www.youtube.com/watch?v=B8ir2_IuCQk

You can download their mp4 videos from the tutorial youtube comments. You cannot use the video of her face, you need to do it on your own but you are allowed to use the animated objects.

Complex Effect 5: "Ghost Effect" using Keying, Glows, Mattes and Refinements like Bleach Bypass, Curves, Color Balance, Lens/Light Flares

https://www.youtube.com/watch?v=SeZ7Cidl-00

Complex Effect 6: Caustics using Distortion Maps

https://www.youtube.com/watch?v=qxKIFJlY_oA

Complex Effect 7: "Proton Beams" using 3D points several joints and light flares for the emitter and the receiver and a bonfire for the receiver

https://www.youtube.com/watch?v=cSVumBz92_s

Complex Effect 8: Caustics to create water effects

https://www.youtube.com/watch?v=mWvkPXeD-wI

Complex Effect 9: "Energy Effect" using Mattes, Fractal Noise and Glows

https://www.youtube.com/watch?v=ZXWKadrHxHE&

You won't be able to use the "Neon Path" effect for the lines that move around the arm in the tutorial. Simply leave it out.

Complex Effect 10: "Freeze Frame Effect" using Masking, Tracking and exported images

https://www.youtube.com/watch?v=0xyopOJ3Zhk

Use at least two exported images in combination with tracking for each of them and make sure that your masks are exact and curvy.

Complex Effect 11: Blaster shots

https://www.youtube.com/watch?v=TX87houM7yg
https://www.youtube.com/watch?v=xkbYKAaYm6s

Create a tracked blaster/gun shot, and illuminate the environment in a convincing fassion. You do not necessarily   need to use HitFilms particle systems you can composite your muzzle flashes with the assets provided by the first video or whatever assets you find in the internet.

Complex Effect 12: Cartoon effect/Animted painting style

https://www.youtube.com/watch?v=tq_KOmXyVDo

https://ebsynth.com/

https://www.gimp.org/

This one needs some more setup and an external tool, as well as a painting program, so it is a bit more effort than the other effects. Here you use some raw footage and transfer it into a painted style. Since you paint your own frames for the actor animations you can always us a green background so you can key in another background in your editing software.

Freestyle Complex Effect

Send your ideas in the new forum to clarify whether they are suitable and complex enough.