Virtual Reality for Childbirth Education

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Aalto Online Learning

License Pro, 1 user(s): Marjaana Siivola

Aims of the project

Gain experience in using 360 videos in education.

Introduce 360 videos for Aalto teachers and alumni.

Teach childbirth education.

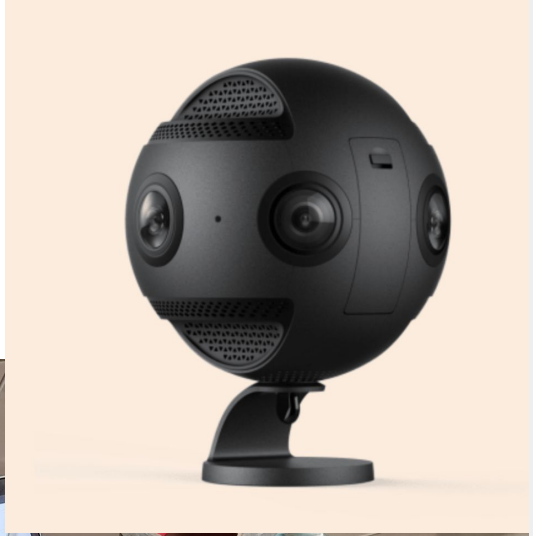
Process

Design
- Target group
- Level of interactivity: intro film + Master node

Filming
- Capturing audio separately with hidden mic
- Capturing with max. resolution of Pano2VR: 4K

Editing
- Stitching 6 cameras to equirectangular (mono) videos
- Matching audiofiles with video
- Creating Master sequence with all the clips for script
- Recording voice over narrative (in APod)
- Editing clips based on script

Composition & annotation
- Composing all the material to scenes and hot spots
- Exporting project and embedding it to the web site



Gear

Filmed with Insta360 Pro

Edited with PremierePro

Annotated with Pano2VR

VR synnytysvalmennus.p2vr - Pano2VR

Input: Edit: View: Tools:

Properties - Input

Input Image:

Type: Auto

File: Masternodepic2.jpg

Convert Input

Input Video:

File: -

Alternative File(s): -

Type: Equirectangular

Auto-start: Start on Load

Start muted

End Action: Loop

Background Sound:

Output

output

Output Folder: output

Skin: simplex_v6.ggsk

Output:

Auto Rotation & Animation

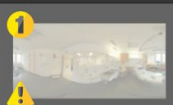
Transitions

Hotspots

VR

Tour Browser

Filter: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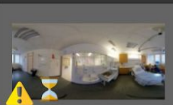
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How to increase immersiveness?

- Suggested role for the user (not only “ghost”)
- Open protagonistic character for identification (focus is not in individual level)
- “User’s inner voice” attached to the voice of a narrator
- Spatial distribution of the action
- Linear introduction sequence
- Points of interaction