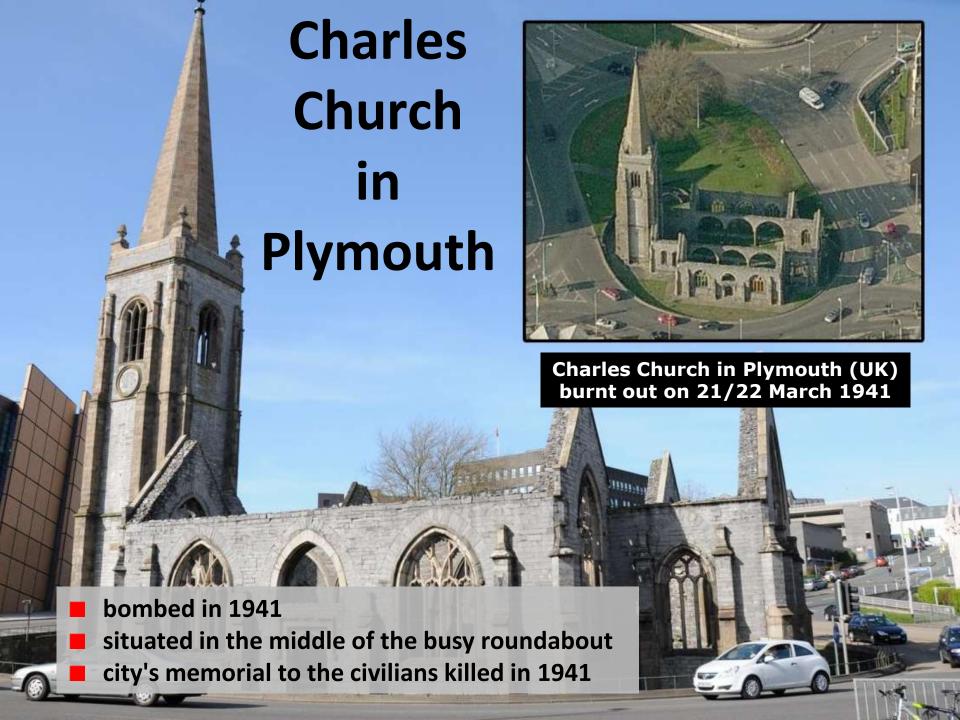


Overview

- 1. Charles Church in Plymouth
- 2. Wedding: 22nd March 1941
- 3. 360° filming
- 4. Interactive storytelling
- 5. Conclusion

1. Charles Church in Plymouth

| 150 | 200 | 250 | 300 | 350 | 400 | 450





Computer reconstruction of Charles Church



Historical images





Computer reconstruction of Charles Church



360°

2. Wedding: 22nd March 1941

| 160 | 150 | 200 | 250 | 300 | 350 | 400 | 450

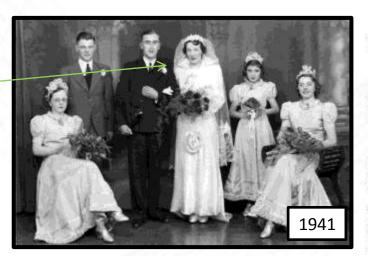
Reconstruction of the wedding

- Linear

 → non-linear narrative
- Ken and Phyllis Beer
- Recording actors in green screen studio







- Ken is 98
- Phyllis is 92
- TODAY they are celebrating 70th wedding anniversary

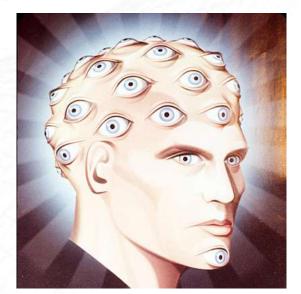
200 | 250 | 300 | 350 | 400 | 450

martin marting and desired

Reconstruction of the wedding in a computer reconstructed Charles Church



3. 360° filming



Ladybug 2 spherical video camera



Framerate: 29.97fps

■ 6 lenses

■ 1.19 kg



LADYBUG 2 Spherical video camera

http://www.ptgrey.com/products/ladybug2/index.asp

Ladybug 3 spherical video camera



LADYBUG 3 Spherical video camera

Framerate: 16 fps

■ 6 lenses

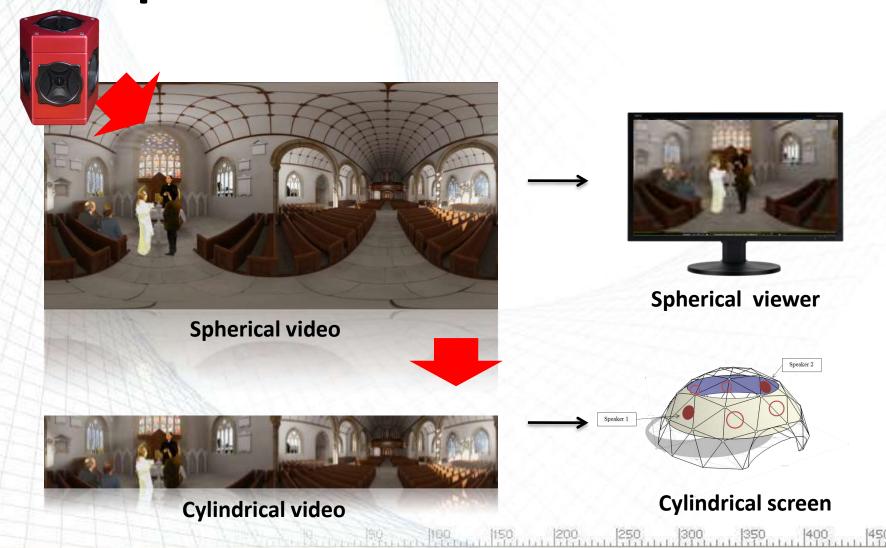
■ 2.41 kg



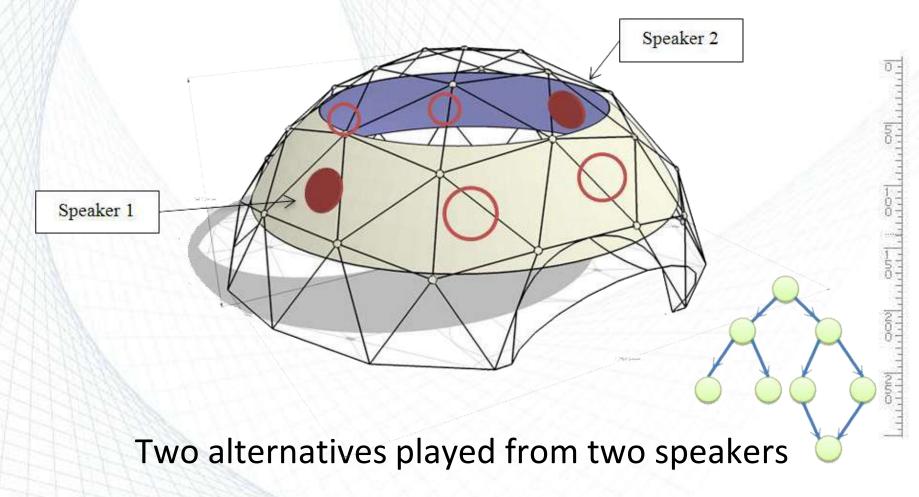
http://www.ptgrey.com/products/ladybug3/index.asp

|\$0 |160 |150 |200 |250 |300 |350 |400 |450

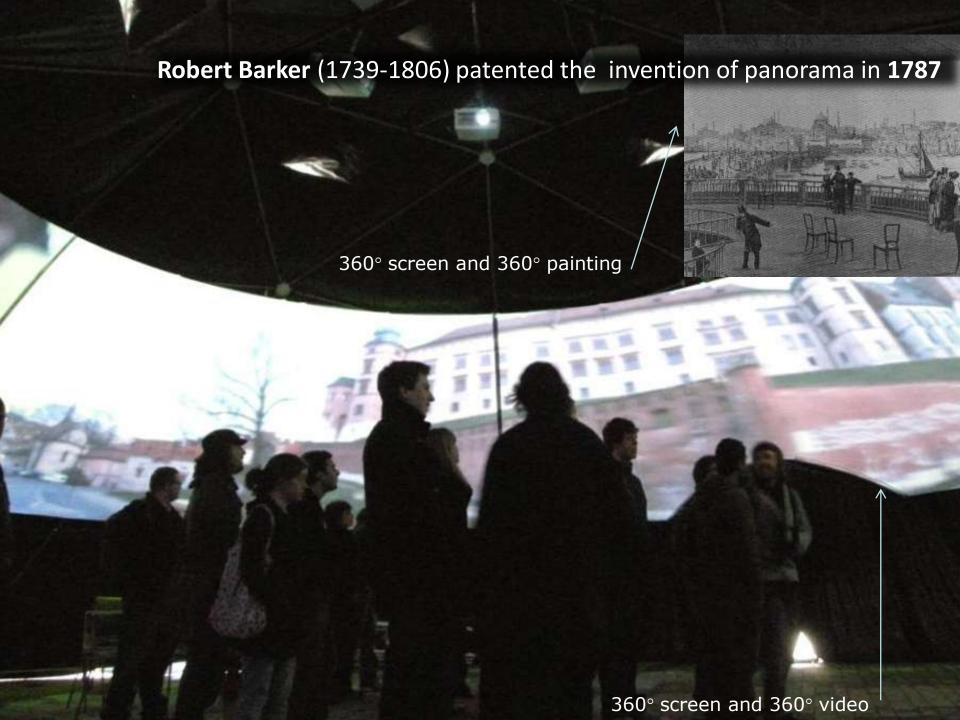
Presentation of the panoramic interactive narrative



Interactive narrative and 360° screen



| 150 | 200 | 250 | 300 | 350 | 400 | 450



4. Interactive storytelling

| 160 | 150 | 200 | 250 | 300 | 350 | 400 | 450

Interactive storytelling

Form of art, research and entertaiment which links interactivity, visual art and traditional narratives.

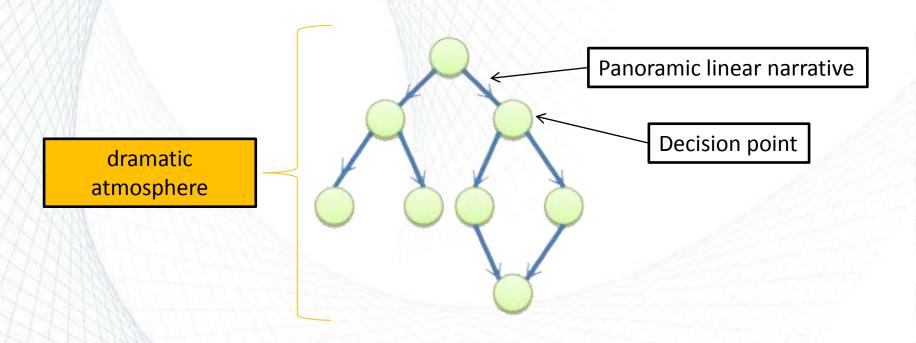
Traditional storytelling

Interactive storytelling

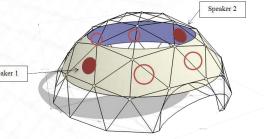
- preconstructed
- linear plot
- author/writer is sole creator
- experienced passively
- usually one unchangable ending

- not fixed in advance
- non-linear
- the user creates the story
- experienced actively
- different outcomes are possible

Story graph



The audience has the power to change the 360° narrative in decision points



19 150 150 200 250 300 350 400 450

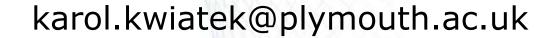


5. Conclusion

- 360° filming and 3D computer reconstruction of a heritage site empowers the visitor to imagine the building before it was destroyed
- 360° screens with multiple speakers as a method of transporting the viewer into the 360° interactive narrative
- 360° interactive narratives based on heritage sites may become not only a scientific and technological innovation but also a new art form presented in 'digital rotundas'

19 190 190 190 1950 1950 1950 1950 1950

Thank you



www.charles3d.info www.360stories.net



