

# A Journey in Dante's cosmology with a full dome Planetarium

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# Goals

- Show how two different subjects like astronomy and literature can come together under the beauty of the sky;
- Compare the medieval vision with the modern vision of nature;
- Diffusion of scientific and Italian culture.



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- Born in 2007
- Principal targets = school;
- We have various astronomical shows, but also:
  - Astronautics;
  - Biology;
  - 4 Seasons;
  - Geology;
  - etc...



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- We collaborate with
  - Astronomical amateurs;
  - Scientific groups;
  - Museums.



Minerva  
Associazione di Divulgazione Scientifica

scienzae

space camp

OSSIGENO  
COOPERATIVA SOCIALE

# The idea

- The idea comes from the request of a teacher;
- The Divine Comedy is full of astronomical referments;
- *“E quindi uscimmo a riveder le stelle”*  
(“Thence we came out, and saw again the stars”)  
(*Inferno* XXXIV, 139).



# The project

- We selected the most interesting part of the comedy;
- Each chosen *canto* is introduced by the recorded voice of great actors (*Inferno*: Vittorio Gassman, *Purgatorio*: Iacopo Vettori, *Paradiso*: Vittorio Sermonti);
- We created some animation to introduce each *cantica*.



# The project

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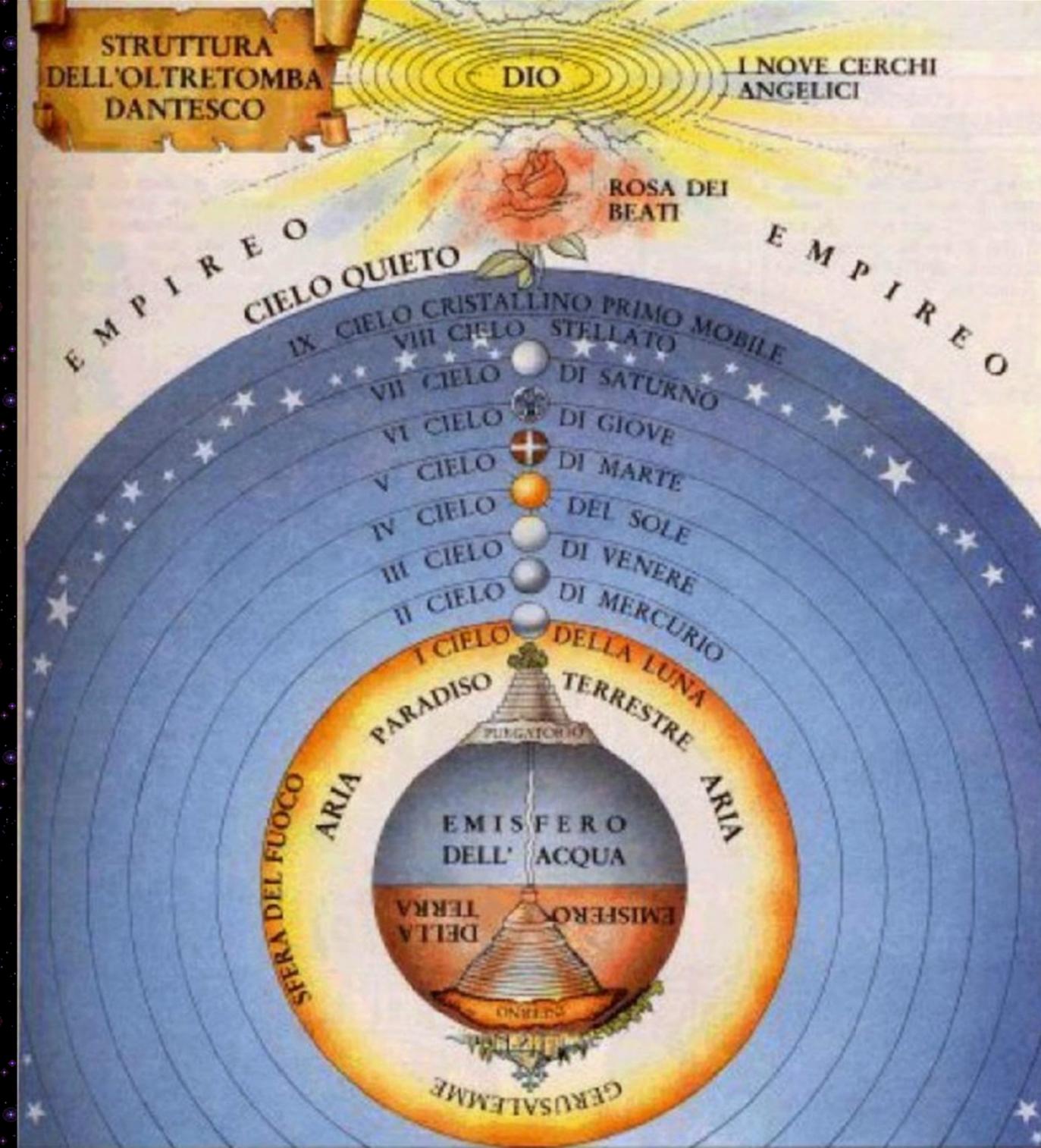
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- Comparison between medieval vision and modern one of the Earth structure (*Purgatorio* XII, 25-27 & *Inferno* XXXIV, 121, 126);
- Analogue for the sky and Universe vision.



# The project

- Description of the equinox precession (*Purgatorio* I, 19-24 & XI 103-108).



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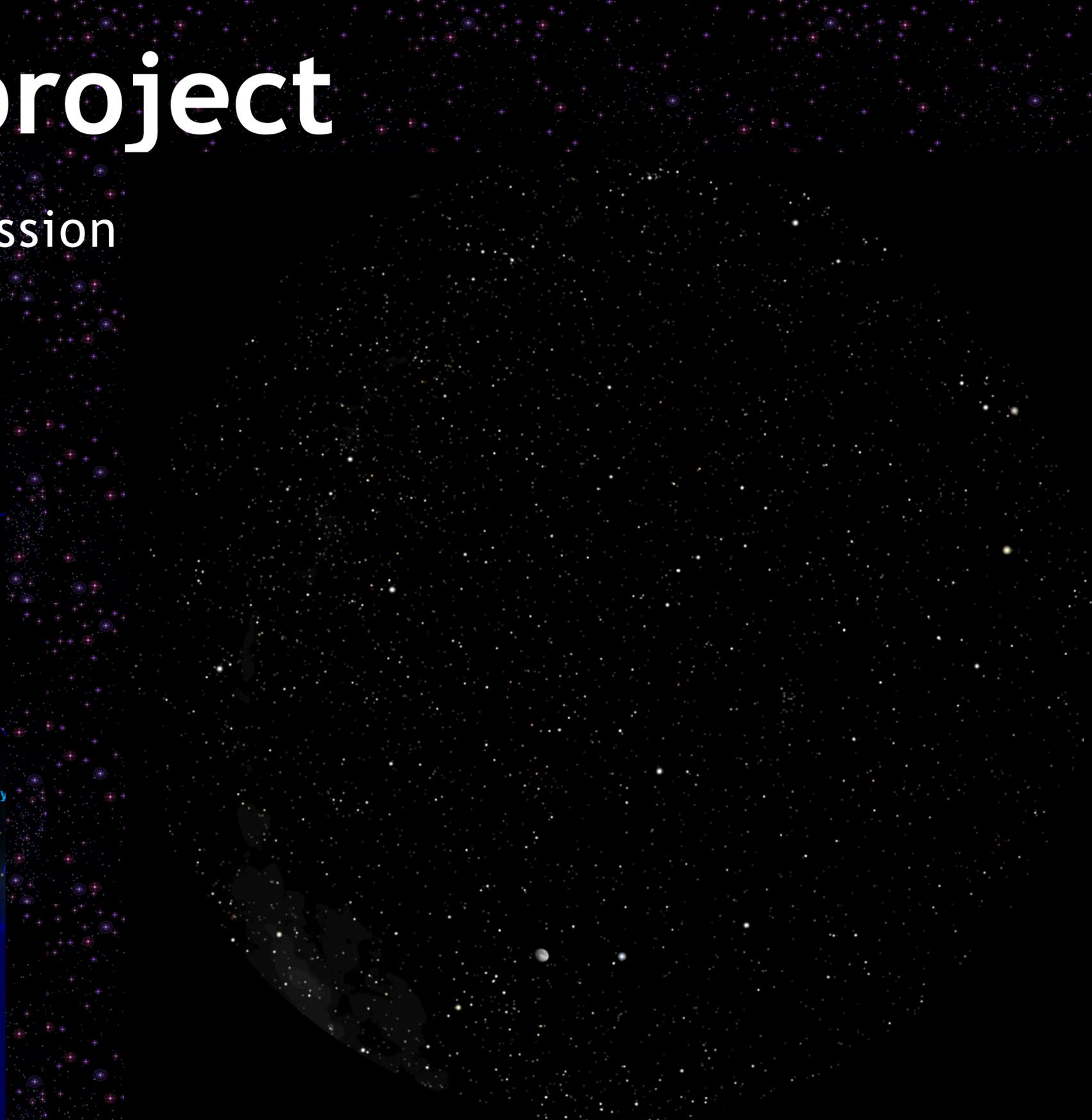
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- The dark spots on the Moon surface, Dante's hypothesis and Beatrice's explanation (*Paradiso* II, 49-60, 73-81, 97-105);
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# Preview and the future

- Presented for the first time at Dante Alighieri middle school in St. Agostino, Ferrara;
- This show can be exported in other contexts;
- The next steps are to create new animations and translate in other language.



# Conclusion

- The Divine Comedy is full of astronomical references;
- This work can be export in other contexts;
- With some founding and other work we create some new animations and simulations;
- We have shown how different cultural aspects, like literature and science, can come together under the beauty of the sky and create something of a refined, almost divine beauty.

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“L’amor che muove il sole e le altre stelle” (“by the Love which moves the sun and the other stars”)

*Paradiso XXXIII, 145*

# The End

