

SEE THE UNSEEN

MUOGRAPHY OUTREACH WITH DIORAMAS

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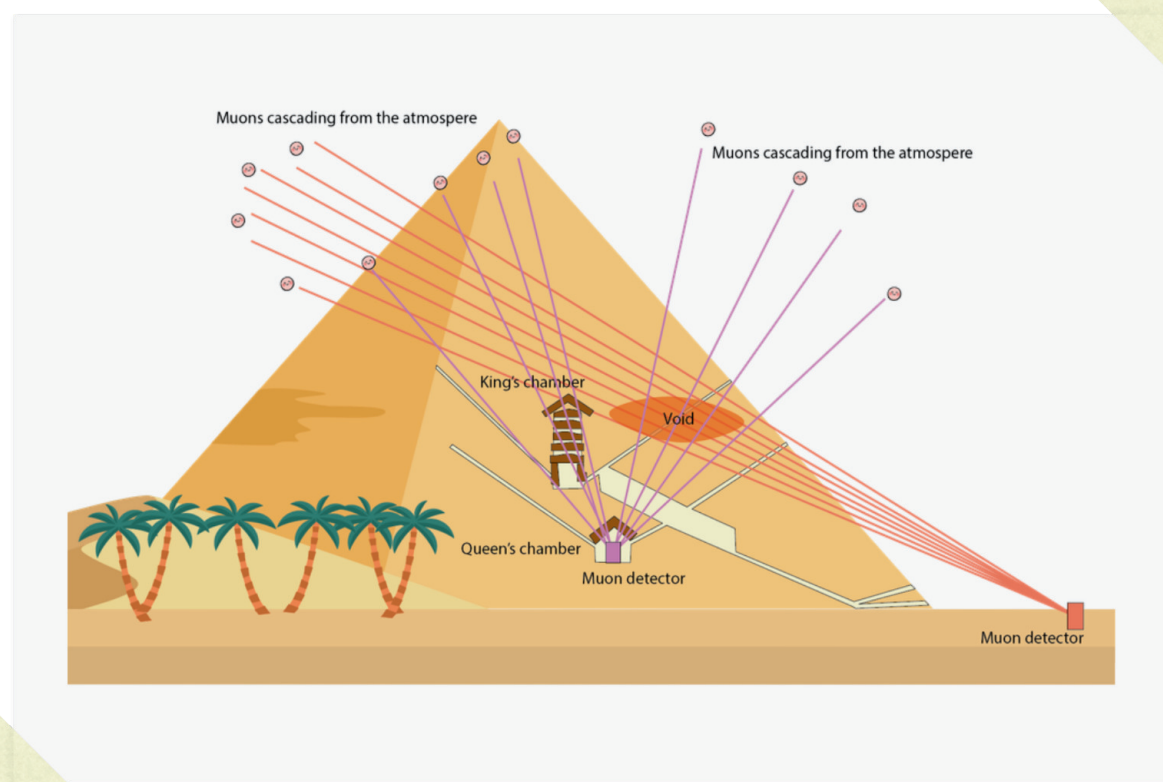
OUTREACH MATTERS!

Complex science becomes exciting when it feels like a mystery to solve.

1 THE STORY BEGINS...

It started with a pyramid and a question ...

WHAT COULD BE HIDDEN INSIDE?



Inspired by the hidden void discovered in the Great Pyramid of Giza.

HOW VISITORS TAKE PART

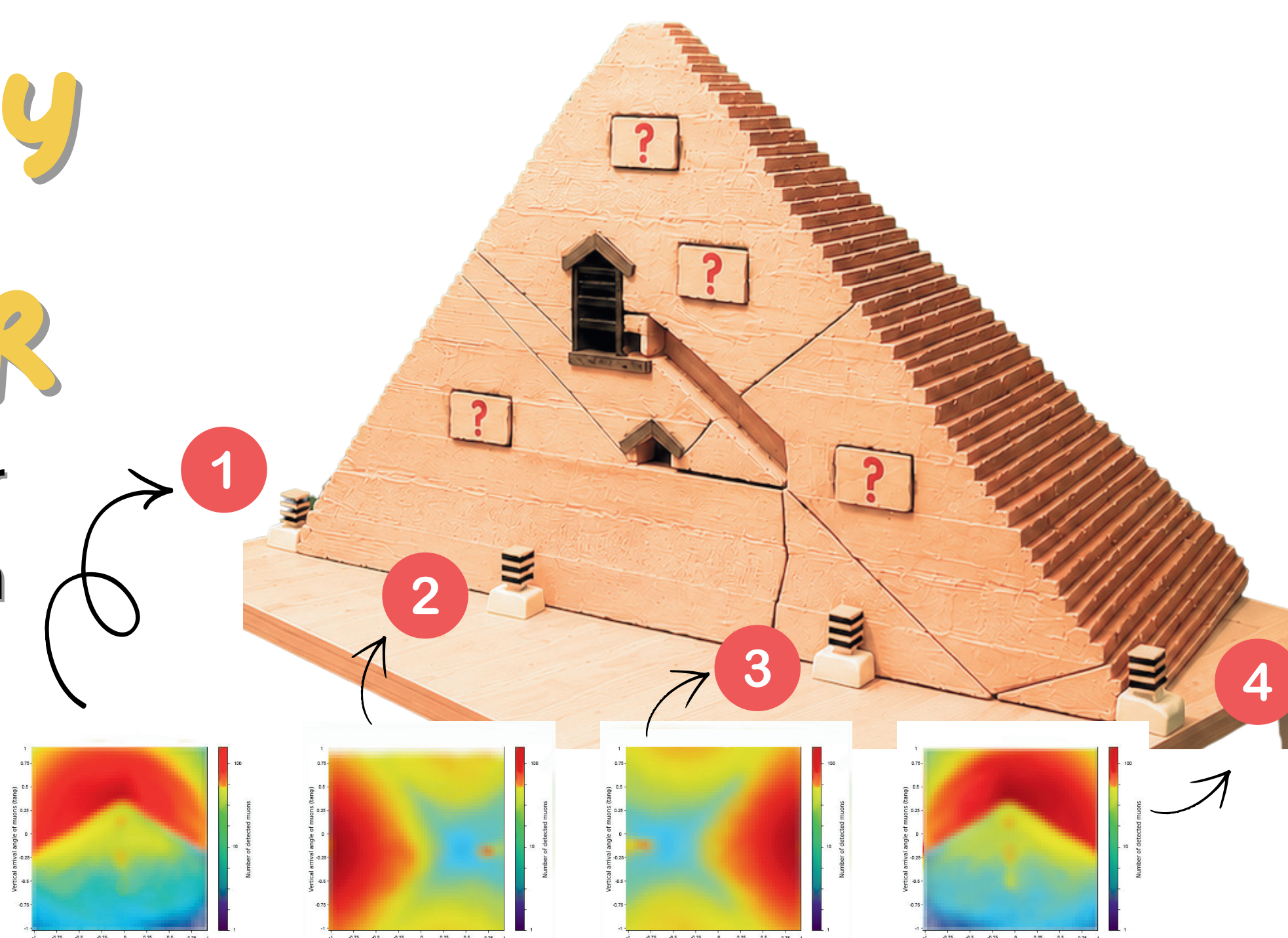
- look closely and compare scenarios
- read muon images
- make guesses
- ask questions
- discuss the results

CURIOSITY DRIVES THE INTERACTION!

2 THE MYSTERY GETS HARDER

Four possible voids. Four muon detectors. One hidden chamber!

Visitor task: find the hidden space.



MATERIALS USED:

XPS foam, cardboard, paint, glue, little pieces of hidden worlds and printed muon images.

3 THEN THE IDEA GREW...

From pyramids to underground worlds:



Same idea, new hidden stories.



WHAT I LEARNED:

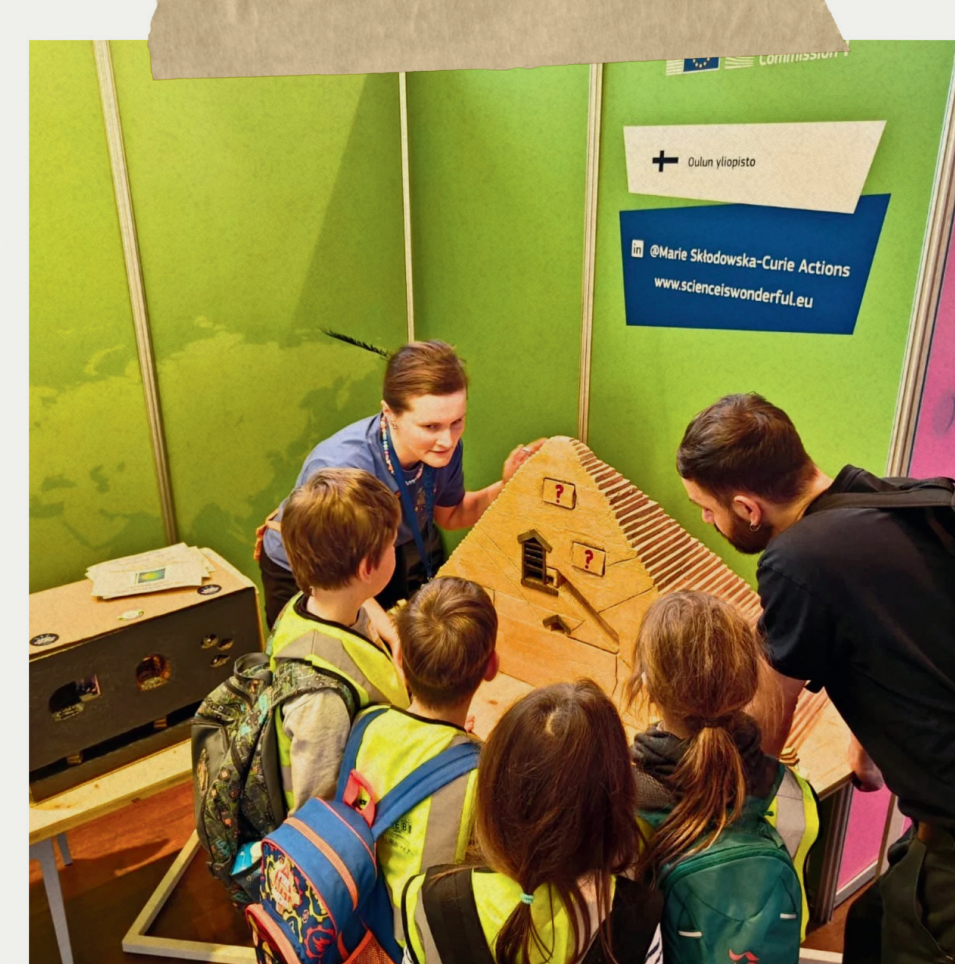
- familiar objects attract attention
- mysteries make people curious
- models make invisible physics tangible
- visitors remember what they discover themselves



Researchers' Night Oulu, 2024



Science is Wonderful! Brussels, 2025



Science is Wonderful! Brussels, 2026

A diorama can turn muography from an abstract method into a story people can explore.