

DISCOVERY TOUR „10 HIGHLIGHTS“

Download current tour. Please check regularly www.phaeno.de/erwachsene.

Team

Note: Each exhibit has a text next to it where you can find out more information.



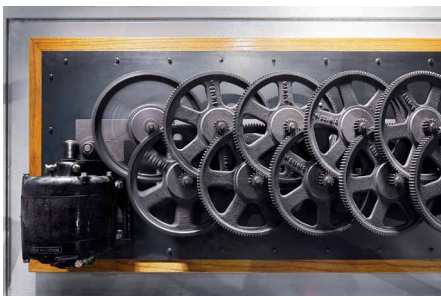
Giant Catenary Arch

Build the arch in a team.
What shape is the arch?

Take a look at the exhibit „Catenary Arch“ as well.

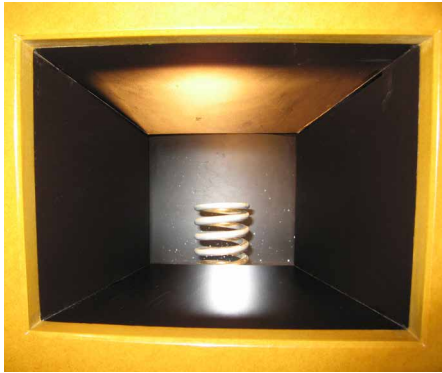


Take a souvenir photo with the group under the arch!



Machine and Concrete – Arthur Ganson

An astonishing piece of kinetic sculpture and mechanical art – a metaphor for the passing of time. A motor drives the first gear at one end while the last gear is firmly cast in concrete at the other end: actually a paradox. How can this be?



Touch the Spring

Try to touch the spring. How does this effect work?

Where is the real spring?



Finger Tingler

Form a human chain – hand in hand. The first person places his/her right hand on the right of the exhibit and the last person places his/her left hand on the left side. Someone else turns the handle and produces an electrical voltage.

Do you feel anything?

Is it possible to conduct the current through the human chain?

Why isn't this dangerous?



Your Father`s Nose

For this exhibit, there should be at least two of you. You'll be amazed what a funny portrait of you this dual mirror creates.

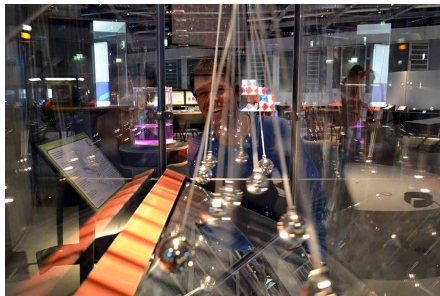
Tip: Try it out with a person who looks very similar to you, and then with someone else who doesn't look like you at all.

Which portrait did you find more interesting?



Anamorphic Chair

In the mirror you can see an everyday object. How does this phenomenon work?



Pendulum Wave

How do the movements of pendulums with different lengths differ?

How does this change the overall pattern of the eleven pendulums?



Icy Bodies – Shawn Lani

Icy Bodies by Shawn Lani is an aesthetic art object. Comets arise out of dry ice and then disappear. Enjoy this beautiful phenomenon and describe what's happening!



Secret Life – Gregory Barsamian

Take in the full effect of the installation. What do you see?

This construction is actually an optical illusion. How does it work?
(Tip: Hold the switch on the wall on the upper right down for a while.)



Wacky Salon

Enter the lopsided room. Why do you have the feeling that it's moving?

Why does the ball roll up the wall?
