

For each question, exactly one of the proposed answers is correct.
To find the right answer it is allowed to ask the scientists in the labs.

Prize winners will be drawn by lots among all those who give at least five right answers.

**How do microscopic, parallel wrinkles influence a red laser beam impacting them?
The resulting laser light can be seen at the projection area as...**

Station 1 – Building W

- a green laser point
- red concentric circles
- several red dots in a line

At which pressure does the atmospheric pressure plasma jet work?

Station 4 – Building W

- 1013.25 hPa
- 1500,12 Torr
- 1 mbar

What is the size of the pollen of a common daisy?

Station 7 – Building L

- 2 micrometers
- 20 micrometers
- 200 micrometers

Which plastics materials are normally used in the 3D printing process FDM (fused deposition modeling)?

Station 9 – Building T

- polycarbonate and polyamide 6 (PC and PA6)
- epoxy and polyester resins
- polylactide and acrylonitrile butadiene styrene copolymers (PLA and ABS)

Which of these natural substances are polymers?

Station 12 – Building P

- urea
- clay
- cellulose

Aaron's beard/John's wort contains the natural dye hypericin. Which colour does it have?

Station 15 – Building H

- red
- yellow
- blue