

## **Galaxy Leggings, Truth Serum, & the Visibility Cloak**

Olena Shmahalo, Quanta Magazine

In communicating scientific and mathematical research, we deal with some of the most important, fascinating, wonderful ideas in the world! But on the surface, these topics can appear abstruse, impenetrable, and sadly, even boring or irrelevant.

Beginning with the idea that “in the particular is contained the universal”, this talk will examine how we can employ enchanting visuals and storytelling to not only visualize invisible things and abstract ideas, but inspire curiosity about these esoteric topics. I will show several artworks made for Quanta Magazine and share the process behind their creation, from ideation to completion.