Create a binary representation of a live image, let people see how data looks to a machine...

Exhibit Idea Generation
- Workshop in March 2019
- 14 CERN participants with backgrounds in Computer Science and Outreach
- Session moderated by external experts
- 3 categories
  1. What is data?
  2. How is data stored and accessed?
  3. CERN Technologies
- Objective: explore initial concepts for hands-on computing exhibits for the Science Gateway

Exhibit Development
- Analyse real process, identify main points & messages
- Translate into draft scenario
- Test with public
  - do they understand what to do?
  - do they get the main message?
- Refine, if needed repeat previous step
- Develop exhibit
- Test again
- Finalise exhibit

Could data be modeled like water? Flowing from one point to another, variable flow rates, need to avoid bottlenecks(!)...

What is CERN’s Science Gateway?
- CERN’s flagship education and outreach facility
- Exhibitions (age 8+), Labs (age 5+), and Events
- Currently in design phase
- Officially launched in April 2019
- Objective: encourage young people to aim for careers in science, technology, engineering and mathematics (STEM).

X.509 certificates have been essential for grid computing, why not let the visitors generate their own certificate?