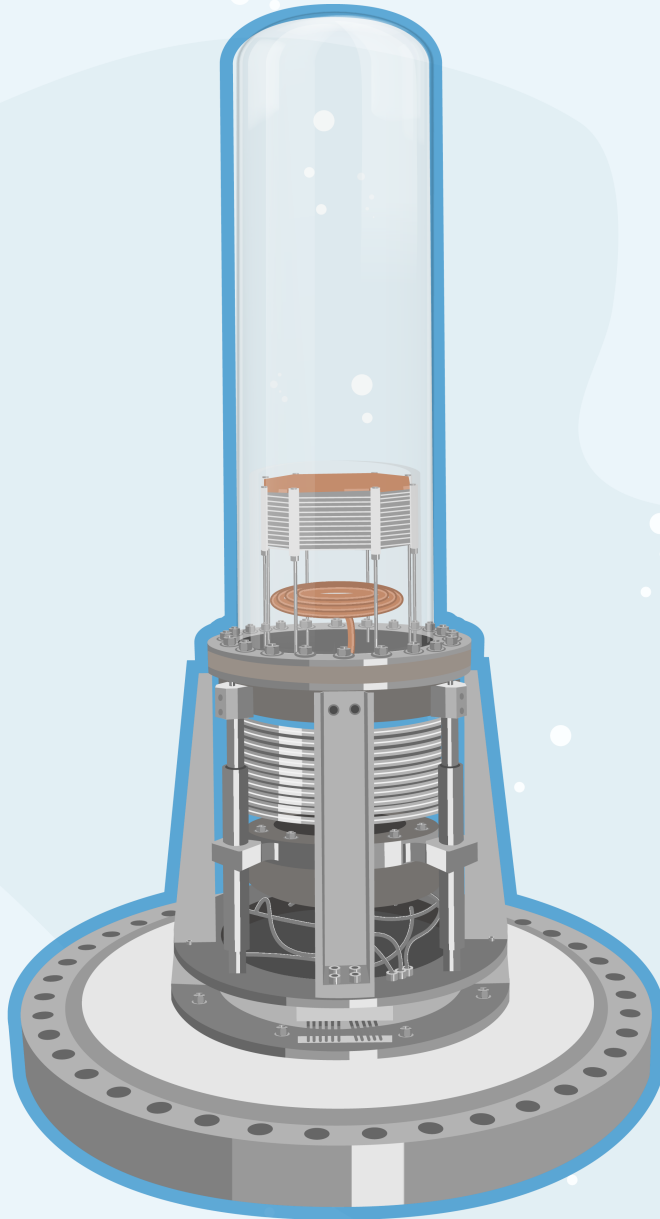


# PICO

## Detection with bubbles



PICO uses a bubble chamber filled with fluid which is superheated to look for dark matter. When a particle interacts, the fluid boils and creates a bubble.

Bubbles are captured with cameras and microphones, and studying them can tell scientists about which particle caused it.

The fluid is a refrigerant so even though it's superheated, it's actually slightly cooler than room temperature.

The cameras are always on, and every frame is analyzed to look for bubbles.

