

# NEURAL NETWORKS

How can a machine understand if the contents of your luggage are dangerous or not? In this poster we will try to go through the inner workings of a neural network trained to detect hazardous items. This kind of system is already in use in various industries like security, health and transports. Let's have a look inside this black box and try to understand how a machine can see.

## INPUT IMAGE

The image that will be decomposed in order to be submitted to the network.

