



Prof. Kris Zarb Adami

## MY 100 WORD IDEA TO CHANGE MALTA

### *Gateway for Migrant Rescue in the Mediterranean*

Malta should set up a coastal over-the-horizon radar (developed at ISSA—Institute of Space Science and Astronomy) with the capability of detecting small fast-moving vessels within a 1000 km radius. Coupling the radar system with a fleet of drones to measure and track the status of vessels and occupants will give unprecedented response time to any maritime emergencies. These drones could then be used to deliver payloads to treat any medical emergencies, while search and rescue ships slowly make their way to the vessels. Collaboration and coordination with other Mediterranean countries could result in a drastic reduction of maritime mortalities. **T**



Illustration by NO MAD

## CAN A PENNY KILL YOU?

Alexander Hili

A long-standing urban legend suggests that a penny dropped from a great height, let's say the Empire State Building, kills. The penny should speed up and pass through a person's skull easily.

In reality, the penny would probably just annoy a pedestrian. Even a penny is limited. All objects reach a terminal velocity when they are in free fall for long enough. They do not keep speeding up.

The problem with a penny is that it is flat, small, and light. A gust of wind or updraft would break its fall. So for anyone who accidentally lets a penny drop from his or her fingers, relax, don't worry the streets are safe. **T**

## Don't THINK

by Gorg Mallia

