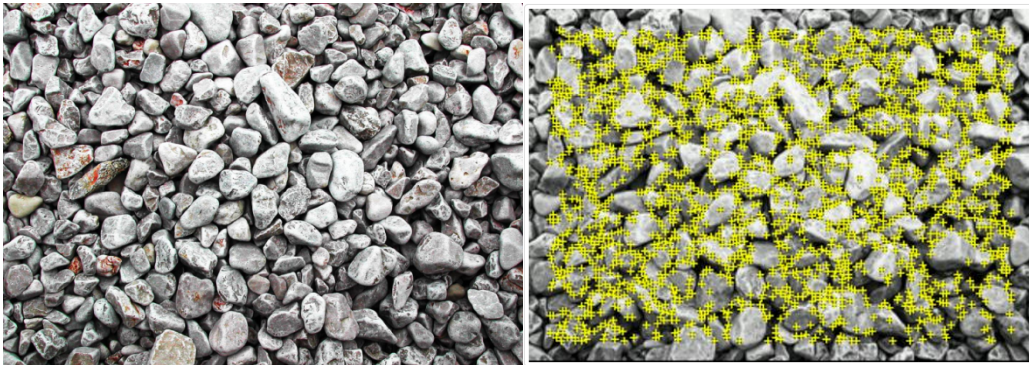


FGTIS Workshop on VUFORIA for Augmented Reality *Special TRANSTIC*

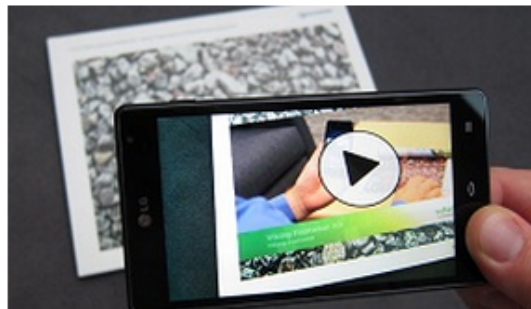
Vuforia allows the detection of marker, not QrCode marker type, but picture based marker. There is one example of marker:



Those markers and their features points are stored into a database. Then, on each frame of the camera, features points are computed and compared to those stored. When the result is close enough the marker is detected and an event can be assigned.

For the workshop of FGTIS I can show two examples of Augmented Reality applications:

1) One based on the use of Vuforia API only: consisting in incrusting a video into the scene. The video will be embed in the marker.



2) The other example uses Vuforia API and jPCT-AE library (OpenGL ES based library): Consisting in adding a 3D model to the scene on the marker detection event. For example if we set as a marker, a picture of a building, we can add the 3D model of the building in the scene.

