



ARVETI4.0 –
Project partner:



IES POLITECNICO de VIGO

AR Scavenger hunt

Information about our company

Kieback & Peter provides a wide range of building automation solutions, including heating, ventilation and air conditioning systems. Our products are designed to optimize energy efficiency, reduce costs and improve the overall comfort and safety of buildings. This means we must work in different buildings which we have to navigate mostly just with a map in our hands. Especially finding fire dampers or volumetric flow controller, which are built in the ventilation ducts inside the building, mostly hidden in the ceiling, are difficult to find with a map and are only reachable with a ladder.

How can our AR glasses help?

With our workshop we want to demonstrate how augmented reality glasses can help our daily tasks. Augmented reality glasses can be a helpful tool for finding one's way in an unknown building by providing real-time navigation and visual hints. Augmented reality glasses can display digital maps on the user's field of view. They can also use object recognition to identify and label objects or rooms in the user's surroundings. This information can be displayed on the glasses, helping the user to orient themselves and find their way.

Workshop instructions

To show you what this could look like we are going on a little scavenger hunt. You'll walk through this building in a small group. One of you will look through the HoloLens (it would be great if everybody gets the chance to experience this, so switch the wearer along the way). The HoloLens will display visual hints to guide you to your next destination.

At each stop, a little riddle awaits you. The riddles reward you with a little surprise either a bad one for answering wrong or something sweet for the right answer.

We will measure the time you'll need to complete the hunt, the fastest team wins a special surprise, so hurry through the course. The riddle rewards will also count towards the ranking so pick up the token also.

The guides in the HoloLens are controlled by looking at the answer options and the continue arrow, you'll see a circle getting bigger for 3 seconds and then your answer will be confirmed.

Put the HoloLens on and get started!



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