

Director of Laboratory

Common direction

Georgios Giannoulis-Giannoulopoulos/Ioannis Arvanitis/ Athanasios Sideris

In connection with V-MUST network of excellence

Subject:

**Re-creation of philosophical ideas through digital media: the example of Platonic Cave.**

A new challenge of modern presentations of philosophical ideas is created by the possibility provided by digital media to visualize any kind of object. The creation of virtual worlds, providing high level of realism allows to more people (scientists, artists) to try to visualize ideas. Theater, cinema, painting are forms of art used to simulate and “explain” ideas. Digital media are providing a different set of tools and possibilities, to re-create a world of ideas. A number of philosophical questions are raised by this process:

How an idea can be visualized in a digital space?

How visual representation leads to knowledge?

The Affordance theory and other cognitive approaches with Platonic roots.

How we can avoid substitution of knowledge, reasoning and arguments by images?

Which are the methods to be followed in representations of virtual worlds?

What is the impact of the various techniques of visualization and digital reconstructions, such as story telling, interactive scenarios, still images and other multimedia in the understanding of philosophical ideas?

The Platonic Cave constitutes an interesting example representing the challenges of re-creation of ideas through digital media.

Following the presentation of the main questions mentioned above, the students will get a critical presentation of a number of efforts already developed with this theme.

Then they will be guided by the lab directors and lab assistant to an effort to develop in groups their own scenario, of presentation of the platonic cave, a draft storyboard, taking advantage and understanding the limitations of the technologies available.