



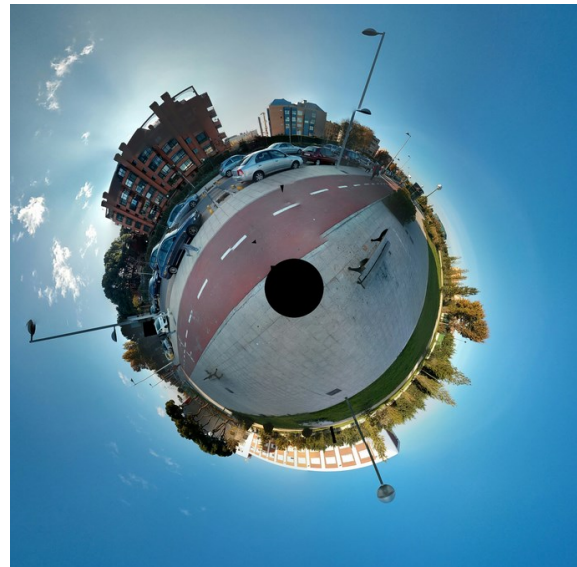
BA/MA/SA/Group/Lab:

Smart Mobile Imaging

In recent years, cameras have become an important feature of most smartphones. The desire to capture or share moments of our lives in the form of images and the fact that many people are carrying a smartphone on them all the time anyway has led to an improvement in the quality of smartphone cameras. Nowadays these cameras are incredibly accurate and powerful. But not only the camera hardware has kept improving, but also the available set of motion sensors has grown significantly.

As a result, new imaging applications allow us to capture moments in ways hard to imagine a couple of years ago. Just think of the photo sphere feature of Android or the drama shot function of the Samsung Galaxy S4. We are interested in pushing the limit when it comes to smart and new ways to capture imagery using smartphones. The goal of this thesis is to implement and test an interesting and new method to capture pictures using a state of the art smartphone. While we already have a set of ideas, we encourage you to try and come up with your own ideas.

Requirements: Creativity and programming skills are advantageous. The student should be able to work independently on the topic.



Interested? Please contact us for more details!

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