

## **Abstract**

When observing and remembering a scene, memory errors can occur, one of them being the boundary extension. This cognitive phenomenon causes people to remember parts of the scenes that might be present just beyond the boundaries of a presented scene but were not actually seen by the observer. Thesis focuses on the aspect possibly affecting the boundary extension, precisely the screen size, which was linked to cognitive phenomena such as memory or attention in previous studies. First part of the thesis consists of a theoretical overview introducing the scene perception topic and mapping the boundary extension findings. Second part of the thesis describes the experiment results to investigate whether screen size affects the boundary extension. No significant effect on measured boundary extension was found in two selected screen sizes, mobile and desktop.

## **Keywords**

boundary extension, screen size, cognitive psychology, scene perception