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**ARCHAEOASTRONOMICAL OBSERVATIONS
AT THE PETNICA CAVE LOCATION IN 2023**

It was found that light penetrates the cave for several days, two days before, and seven days after the date of the solstice. Pink light was spotted in front of cave entrance. Observation of the phenomenon is possible from a smaller opening in the cave wall. The camera obscura effect most likely does not occur on the big opening in the cave wall, but in the forest nearby. Recording was performed with a camera on a tripod. The entire slope where the entrance to the cave is located, is painted with colored light early in the morning.

Keywords: Petnica cave, summer solstice, camera obscura