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# La Pileta 100 years later. Comprehensive study through New Technologies of an exceptional cave.

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## Résumé

La Pileta Cave (Benaoján, Málaga) was discovered in 1905. Up to now, several hundred of graphic representations carried out during the Upper Palaeolithic have been documented. In 2016, a comprehensive documentation project for this field was launched. For this purpose, a high-resolution topographic documentation of the whole cavern is being carried out by the development of a system designed specifically for this project.

Likewise, all the archaeological and graphic remains are being documented in an integral way. In this case, through technologies of digital analysis of photographic and hyperspectral images, characterization of pigments and dating (<sup>14</sup>C/AMS and U-Th), among others.

**Mots-Clés:** SfM, Cave, Hybrid System, Image Analysis, Hyperespectral.

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