Best Paper Award

Best Paper »Impact on Business«

CultLab3D –
On the Verge of 3D Mass Digitization,
EUROGRAPHICS Workshop on

Pedro Santos, Martin Ritz, Reimar Tausch, Hendrik Schmedt, Rafael Monroy Rodriguez, Antonio Stefano, Oliver Posniak, Constanze Fuhrmann, Dieter W. Fellner
Best Paper Award

Contribution

The efficient and affordable digitization of millions of objects stored in our archives and museums is one of the big challenges in preserving our cultural heritage.

This paper presents details on the singular 3D scanning pipeline CultLab3D that allows for capturing collections of objects in 3D in just a few minutes. In the future the approach might be applied to further application domains ranging from entertainment to quality assurance in custom manufacturing.