Best Paper Award | Preisträger

»Impact on Society«

Papaioannou, Georgios (Athens University of Economics and Business);
Schreck, Tobias (Graz University of Technology);
Andreadis, Anthousis (Athens University of Economics and Business);
Mavridis, Pavlos (Microsoft Böblingen);
Gregor, Robert (Industry Position in Zurich);
Sipiran, Ivan (Pontificia Universidad Catolica del Peru);
Vardis, Konstantinos (Senior Developer, Think Silicon)

From reassembly to object completion: A complete systems pipeline

Best Paper Award | Contribution

»Impact on Society«

This excellent work addresses the problem of automatic restoration of broken artifacts, where large parts could be missing.

It stands out from other work in that it combines the whole bunch of state-of-the-art 3D-symmetry detection, similarity search, assembly and 3D-shape completion methods in a unified optimization framework.

As a result it enables archeologists not only in terms of interpretation but also in fabrication in order to assist the physical restoration process.