

ABSTRACTS

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3D SCANING – TECHNOLOGY AND RECONSTRUCTION

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Abstract: 3D Laser Scanning is a non-contact, non-destructive technology that digitally captures the shape of physical objects using a line of laser light. 3D laser scanners create "point clouds" of data from the surface of an object. In other words, 3D laser scanning is a way to capture a physical object's exact size and shape into the computer world as a digital 3-dimensional representation. There are many of technologies that we can get the required digitization of objects, buildings or natural scenery. It is just few examples what we can do to scan.