

Laser painting—first steps

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Laser technologies are increasingly penetrating into modern artistic creativity. If at first it was artistic cutting and engraving, then laser cleaning of works of sculpture and art, now the first steps in laser painting have been taken—methods and tools have been developed for creating full-color laser miniatures. One such method, local laser oxidation of metals, allows the creation of spatially controlled oxides of interference thickness on the surface, which determine the image. The developed hand tool—a laser “brush”—in the artist’s hand will allow you to draw plot and ornamental compositions in an original way. The talk discusses the physical principles of this laser “painting”, showing laser brush designs and artistic images created using this new technique.