

Laser Shock Peening Applications Development at HiLASE Centre

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We will present the latest development of the Laser Shock Peening (LSP) Applications carried out at HiLASE Centre. The achieved results and improvements made with the LSP technology applied for several different applications will be quantitatively and qualitatively presented. Improvements in additive manufacturing technology, cavitation erosion resistance, crack corrosion cracking, how the LSP can make additional improvements to laser hardened parts, etc., will be presented.