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# Increasing Strength and Fracture Toughness of AA7075-T6 Adhesively-bonded Joints with Laser Ablation

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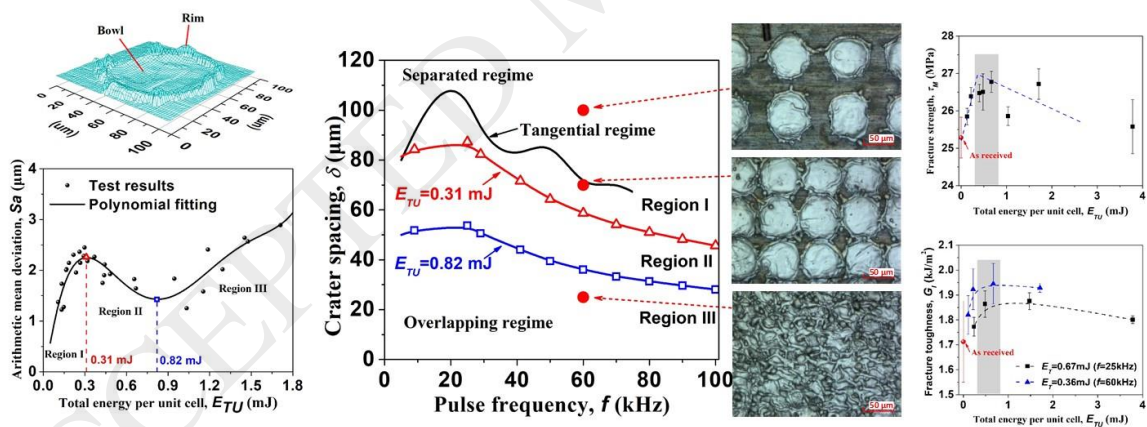
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Graphical abstract



## Abstract

The effects of surface topography modified by laser ablation on adhesively bonded joint strength and toughness are quantified. Model joints consisting of AA7075-T6 substrates, a high strength aluminum alloy, and a commercial structural adhesive, were investigated with both tensile-shear and double cantilever beam (DCB)

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