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Author: Xiaoming Yu Carlos A. Trallero-Herrero Shuting Lei

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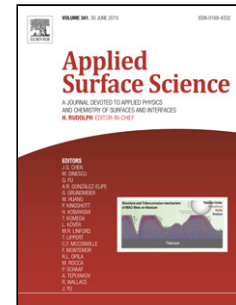
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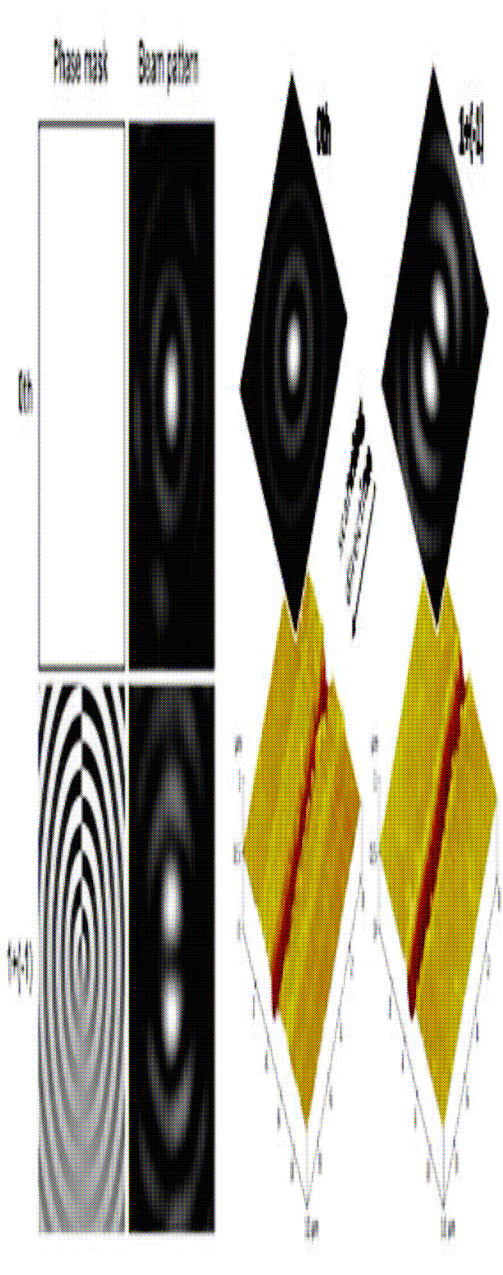
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2 **Graphical Abstract**

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5 **Highlights**6 Superpositions of Bessel beams can be generated with >50% efficiency using an SLM and an
7 axicon.

8 These beams have orders-of-magnitude increase in depth-of-focus compared to Gaussian beams.

9 Multiple craters can be fabricated on glass with single-shot exposure.

10 The 1+(-1) superposition can reduce collateral damage caused by the rings in the zero-order

11 Bessel beams.

12

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