

## **Strong focusing higher-order laser modes: Transverse and longitudinal optical fields**

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### **Abstract**

© Published under licence by IOP Publishing Ltd. The distribution of transverse and longitudinal optical fields in tightly focused higher-order laser beams is investigated. Polarization-dependent fingerprints of transverse and longitudinal optical fields are experimentally captured by means of photoinduced surface deformations in azobenzene polymer thin films.

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