

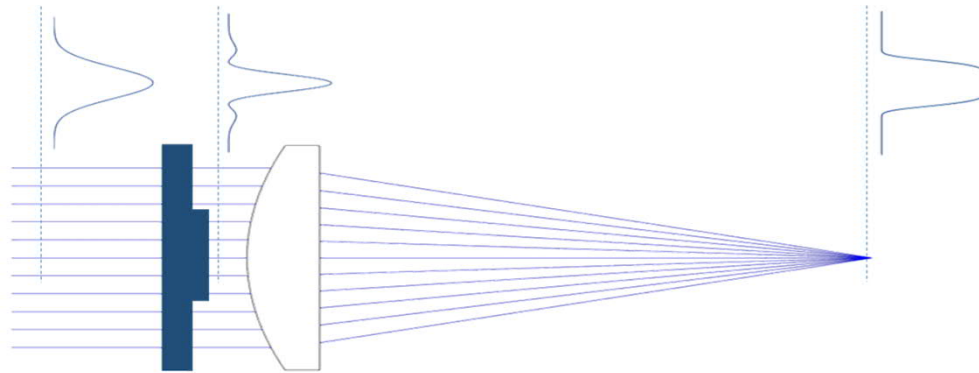
**EPIC Online Technology Meeting on Laser Ablation and
Laser Cleaning**

20 September 2021, asphericon GmbH

BeamTuning Applications

MATERIAL PROCESSING WITH THE a|AIRYSHAPE

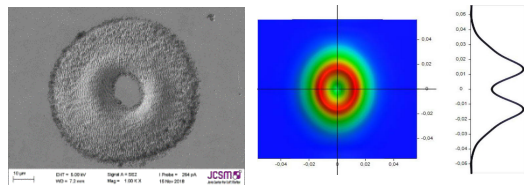
The working principle



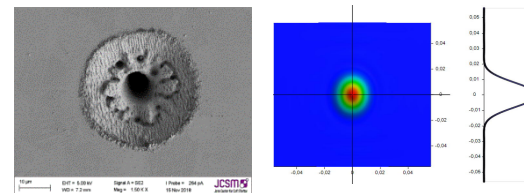
Top-Hat size easily scalable by focal length of focusing lens

Single Ablation Spots

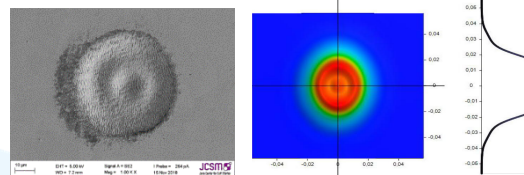
Donut



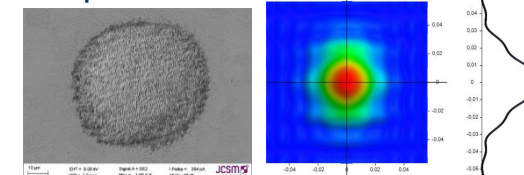
Beam Waist



Top-Hat



Top-Hat



Very good agreement with theoretical simulation

≡ BeamTuning Applications

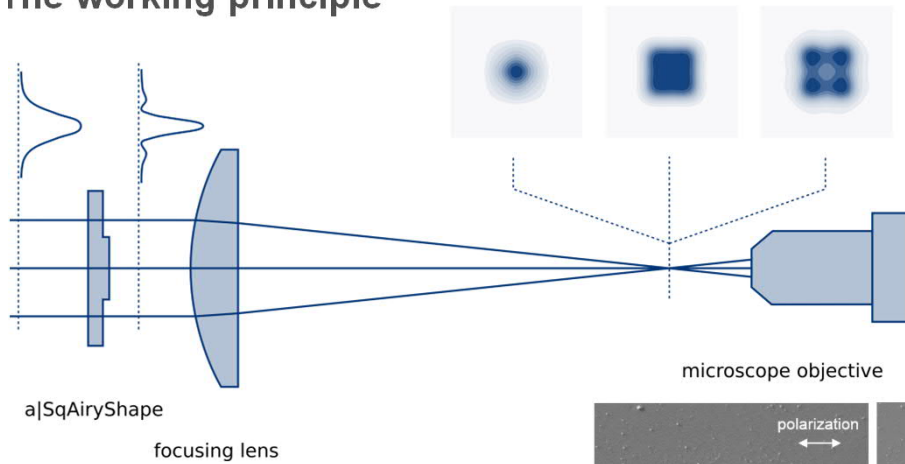
MATERIAL PROCESSING WITH squared BEAMSHAPING

Coming soon!!!

BeamTuning Applications

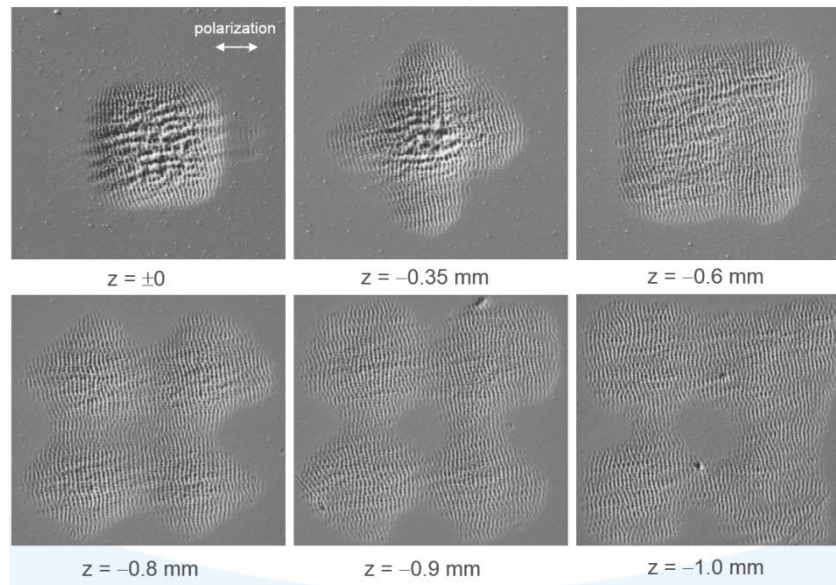
MATERIAL PROCESSING WITH squared BEAMSHAPING

The working principle



Squared Top-Hat size easily scalable
by focal length of focusing lens

Single Ablation Spots



Contact



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STAY EXCITED

