

**AILU**

**30**  
AILU  
1995 - 2025

# LASER

# USER

ISSUE 116  
JUNE 2025

## ENHANCING PROCESS PERFORMANCE

Beam shaping and  
burst mode strategies

Micro Hole  
Drilling  
Optimisation

Measuring  
Ring-Shaped  
Beams

Beam Shaping  
for Aluminium  
Welds

Micro  
Processing  
Beam Shapes

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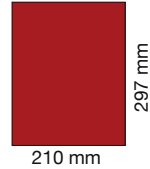


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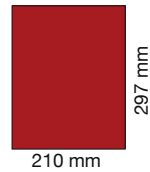
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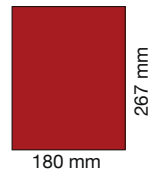
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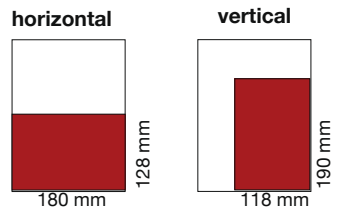
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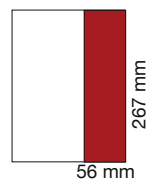
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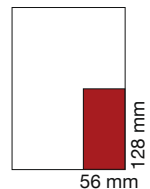
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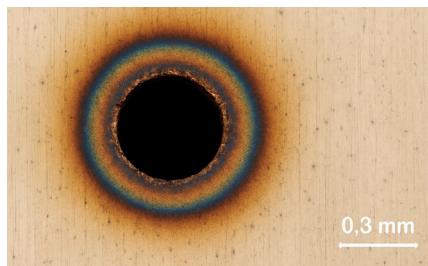
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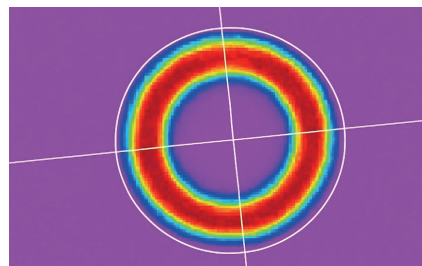
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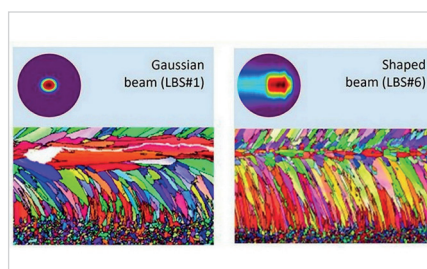
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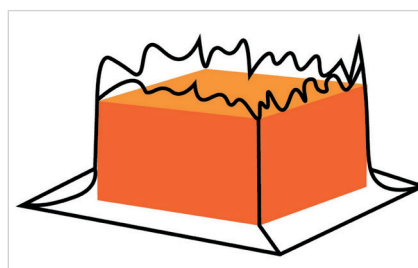
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# LASER USER

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## FIRST WORD

As well as marking 30 years of AILU, 2025 represents a significant personal milestone as I have now held the post of Executive Director for 10 years. Anniversaries are always a good time to reflect on progress made and the recent feedback from ILAS has been excellent – if you missed out, mark your diary with the dates 24-25 March 2027 – you heard it here first!

In the past 10 years, we have delivered five ILAS events, hosted the Laser Precision Microfabrication (LPM 2018) conference and implemented some innovations inspired by the necessity of COVID (webinars and recordings of our content). We strive to deliver more events and more value to our members – and we rely on our members to spread the good news by word of mouth to their connections.

If you are interested to become more involved in AILU, there are opportunities to suit all available. Talk to me if you are interested. I look forward to welcoming new members to the Steering Committee after our May AGM – and we will have a new President and Vice President to steer the ship forwards for the next two years.

Finally, you will notice that the magazine has had a re-branding and this is the first issue with the new layout. We have increased the font size in many places to make it more readable – and there are some new opportunities for advertising on the back page and inside front cover. We hope you enjoy reading it and, as ever, your feedback will help us to make it better!

**Dave MacLellan**  
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Cover image: A Multi-Plane Light Conversion (MPLC) beam-shaper.

Source: Cailabs

