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1995 - 2025

LASER USER

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TECHNOLOGY IMPROVES PRODUCTIVITY

Enhancing throughput
by focused research





Smart Lasers
via Machine
Learning

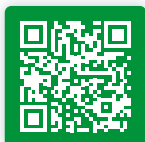
Motion System
Design Tips

Smart Scanning
Improves
Build Times

Piercing On-
The-Fly Trims
Cycle Time

The clear-cut advantages of laser gases from Air Products.

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-  High purity gases enhance your cutting operations
-  Support from Application Specialists and Engineering Teams

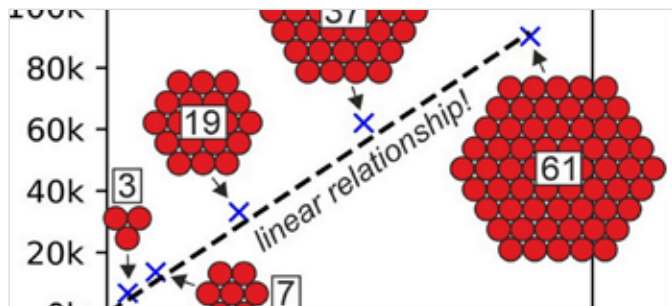


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HIGHLIGHTS...

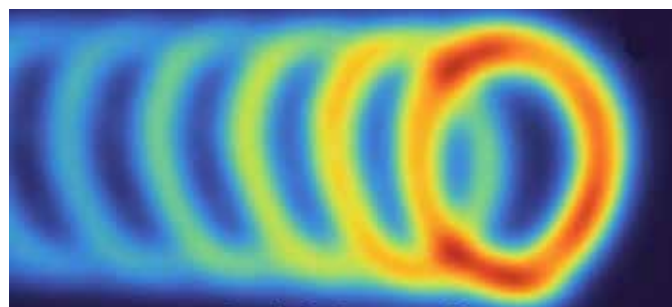
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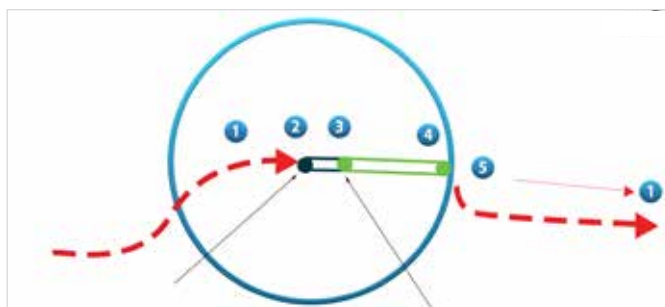
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LASER USER



FIRST WORD

The summer months are usually a time for me to take stock of the year and think about the future, catching some holiday and having time to take a deeper look at things that don't get attention during May and June.

Reflecting on the Laser World of Photonics show (see page 7), it was great for both planned and unplanned meetings too. The

chance meetings with former colleagues and many friends emphasised for me the benefits of community and face-to-face events in the 2020s.

Engagement is a theme we have been focusing on a fair amount in AILU, and I would especially like to highlight two areas in which we are seeking to grow.

Firstly, we identified laser subcontractors (job shops) as a group in which we don't have majority membership. To this end, between now and November, I am running a campaign to sign up new members in this sector to hopefully get more people to our Annual Job Shop Business Meeting in November. This year we are very grateful to have the event hosted by TRUMPF at Luton.

Secondly, we are seeking to make our Early Careers Group (ECG) more representative of our membership. We already have many academic members – but industry is lacking in representation. If you would like to propose one of your employees to join this group, contact me or Cath by email. Especially of interest is our November meeting at UKAEA – this is a one day seminar with the opportunity to visit the Joint European Torus (JET) at Culham which was recently “switched off” and is in the process of decommissioning. All are welcome to join this event – you can register on the event page (and you can be at any stage of your career to join in).

I hope to catch up with you soon!

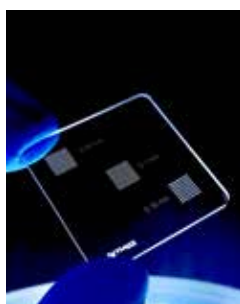
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EDITOR

Cover image: High-quality Through-Glass Vias (TGV) produced in a single-step process using a femtosecond laser.

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