

## Shrinking chips

SCIENTISTS from the University of Wales and Nasa's Jet Propulsion Laboratory may have found a new route to building smaller and faster computers. Microchip manufacturers currently use light particles to etch features onto chips, but there are physical limits on how much can be etched. The new technique "entangles" two light particles, or photons,



so they act as one unit with a higher combined energy. The technique is untested, but could be used to produce patterns half the size of those currently possible on each side of a chip.

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