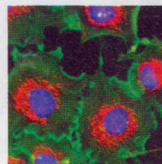


Imaging in the Ultrafast Lane

Quantum Dots
Set to Enhance
Next-Gen Displays

Expert Q&A:
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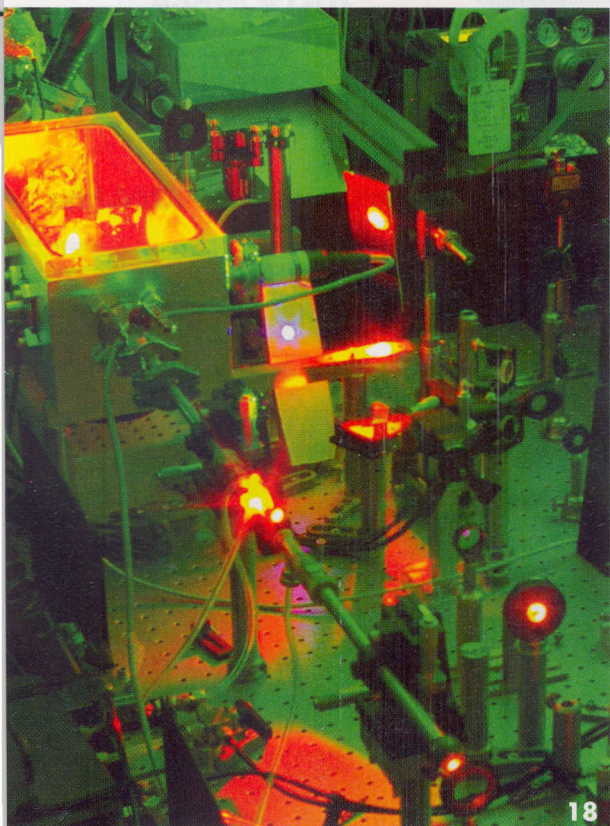
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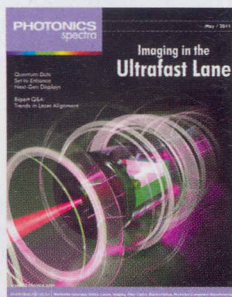
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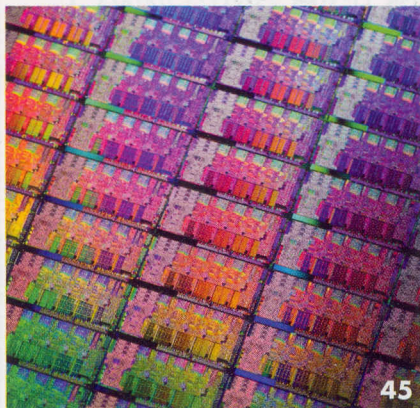
A bun baker's new best friend



THE COVER

An x-ray converter developed at JILA takes an ultrafast laser beam and changes it into laserlike beams at much shorter wavelengths and pulse duration. The laser accelerates electrons within an atom, creating a rainbow of laserlike x-rays. Reprinted from *Nature Photonics*. Courtesy of Tenio Popmintchev and Brad Baxley, JILA. Cover design by Senior Art Director Lisa N. Comstock.

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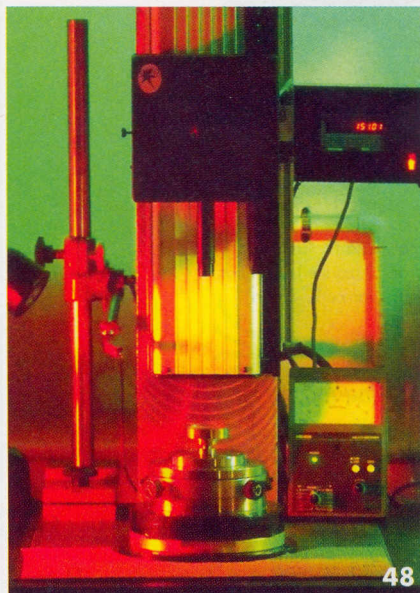
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