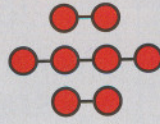


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Photonics Spectra editors curate the most significant photonics research and technology headlines of the month – and take you deeper inside the news. Featured stories include:

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- Superradiant laser holds bright future
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- Convention contest shines light on Israeli startups

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- "Sweet spot" could help bring organic solar cells to market
- Ultrathin solar cells for stretchable applications



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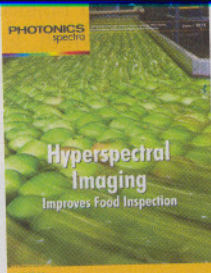
Laser swarm could swat asteroids away

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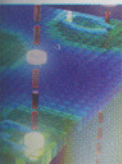


THE COVER

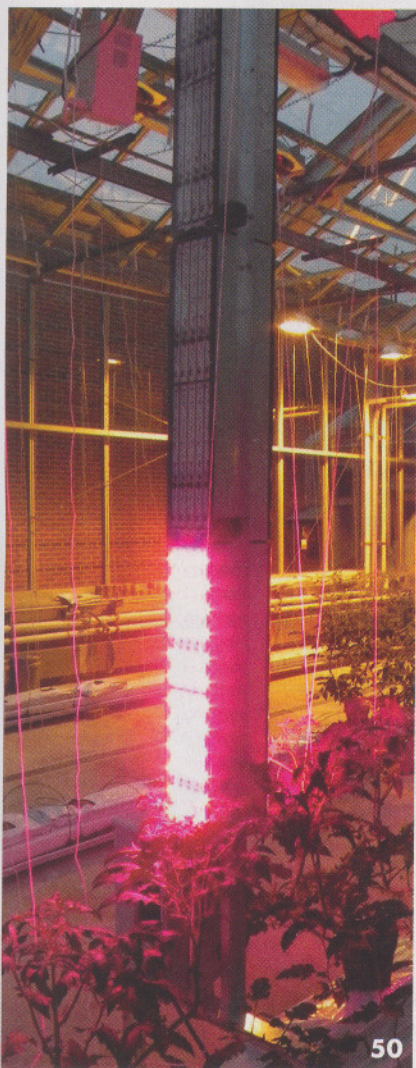
David Bannon and Christopher Van Veen of Headwall Photonics Inc. discuss hyperspectral imaging's evolving role in the food and agriculture sector, beginning on page 44. Design by Senior Art Director Lisa N. Comstock. Images courtesy of Headwall Photonics Inc.

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by David Bannon and Christopher Van Veen, Headwall Photonics Inc.

A technology that began as a reconnaissance tool has moved into the sphere of food processing and inspection, remote sensing of agricultural land, and plant studies.

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Compared to incandescent lighting, LEDs offer more wavelength-specific operation, longer life, lower temperature and cost, and design flexibility.

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by Mike Zecchino, 4D Technology Corp.

The vibrations from a new streetcar line will not disrupt the testing and assembling of optics on the University of Arizona campus, thanks to dynamic interferometry.

