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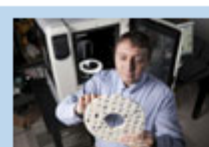
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#### Invisibility Cloaks to Become DIY?

Invisibility cloaks, first demonstrated in complex lab experiments at Duke University seven years ago, could become much simpler to create using 3-D printing, a Duke engineer believes. "I would argue that essentially anyone who can spend a couple thousand dollars on a nonindustry-grade 3-D printer can literally make a plastic cloak overnight," said Yaroslav Urzhumov, assistant research professor in electrical and computer engineering at Duke's Pratt School of Engineering.

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#### After Fusion Failure, NIF Shifts Priorities

Having failed to achieve fusion by its target date, the National Ignition Facility (NIF) is shifting its priorities and has replaced longtime director Dr. Edward Moses, Lawrence Livermore National Laboratory Director Parney Albright announced last week.

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#### Former Schott Marketing Director Joins Edmund Optics

Agnes Huebscher, Schott Advanced Optics' former global marketing director, has joined the optical components company as its European marketing director.

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#### Optical Thread Thwarts Designer Knockoffs

A thread with optical properties creates invisible patterns in fabric and is seen as a potential way to differentiate designer clothing from knockoffs, says a polymer technology researcher at Chalmers University of Technology in Sweden.

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#### Materion Breaks Ground on IR Wafer-Level Coating Cell

The multimillion-dollar work cell at its facility in Westford, Mass., will enhance capabilities in manufacturing low-defect, infrared, wafer-level coatings in high volume for the defense and consumer electronics markets.

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#### SBIR Grants Awarded for OLED Lighting

The FY13, Phase I Release 2 grants, awarded to Plextronics Inc., Universal Display Corp., InnoSys Inc. and Litecontrol Corp., will explore the technical merits or feasibility of their concepts or technologies.

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On this edition of the industry's premier weekly newscast: A new digital camera offers a wide-angle bug's eye view, OCT improves lens development, LEDs lower greenhouse energy costs without affecting crop yield, and a laser-based detector IDs asbestos in real time. Hosted by Photonics Media's Laura Marshall and Melinda Rose.

#### Laser-based System Detects Asbestos in Real Time

A new laser-based system is the first portable detector of asbestos and aims to provide an affordable way for tradespeople to identify airborne particles, says a team at the University of Hertfordshire.

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#### Tomato Yield Not Affected by LED-Lit Greenhouses

LED-equipped greenhouses can grow the same number of off-season tomatoes as those outfitted with traditional lighting, but using a lot less energy, a new Purdue University study finds.

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#### REO Names Berge VP of Operations

Dave Berge, formerly of Delphi Medical Systems/Peak Industries, will manage operations for the high-volume precision optical products manufacturer.

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Thursday, May 23, 2013 - 1 p.m. EST/10 a.m. PST



Photonics Media and CLEO will host Don Golini, President, SANICA Ventures, LLC *Some Thoughts About Licensing University IP*  
Don Golini will explore various aspects of licensing university-based technology to start-ups. Issues to be addressed include: licensing to start-ups vs. established companies, royalties vs. equity, upfront license (and other) fees, patent control and expenses, and future inventions/improvements.



Mark Gallagher, PhD, Partner, Registered Patent Attorney, Knobbe Martens IP law firm *Successful Technology Transfer from Universities: Ten Important Considerations*  
Many successful companies have been built on technology transferred from universities. Likewise, for small start-ups and large businesses alike, effective transfer of intellectual property (IP) can be critical.

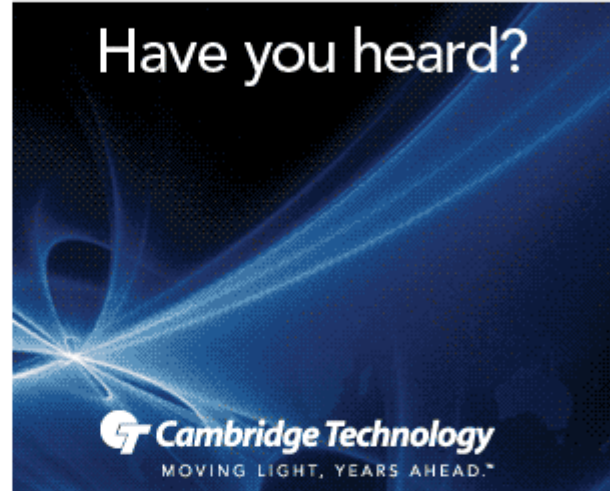
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#### Swift Glass - Quality Fabricated Glass Parts for OEMs

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The 2013 event will also include an exhibit of more than 200 companies, a talent initiative, the 11th international laser marketplace seminar focused on markets and new technologies in laser materials processing, and a special show called Photons in Production, which addresses the building blocks for the future.

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