


# June Newsletter

from the Technology Ventures Office at MIT LL

## Latest Tech/Capabilities

**NEW!** The **Optical Terminal Verification Testbed (OTVT)** joins the family of Lincoln facilities available for use by U.S. companies, universities, on a select basis when similar test facilities are unavailable in the private sector. [Learn more!](#)

## Latest in Issued Patents

-  **WIDE-AREA MOTION IMAGING SYSTEMS AND METHODS PROVIDES** 360° persistent surveillance with a camera array that is small, light-weight, and operates at low power.
- SYSTEMS AND METHODS FOR GENETIC IDENTIFICATION AND ANALYSIS** Provides various systems and methods for identifying individuals from one or more samples.
- FORENSIC VIDEO EXPLOITATION AND ANALYSIS TOOLS** Provides systems and methods for locating an object detected in a video.

## Reshaping Textile Recycling with Durable Barcodes

[Read more!](#)



When woven into fabrics, all-polymer photonic fibers developed by researchers at Lincoln Laboratory and the University of Michigan can act as “barcodes” to identify and classify the fabrics’ component materials. The fibers’ reflectance, which is designed to provide a signature of the different components of a fabric, could improve the accuracy of information currently provided on care labels attached to textile products. With better knowledge of a fabric’s “ingredients,” the recycling industry could appropriately direct the processing of discarded textile items.

## Defending Aircraft from Ground Laser Strikes

[Read more!](#)



Lincoln Laboratory developed a ground-based prototype system that detects and geolocates a laser beam directed at an in-flight aircraft. Cameras of the Laser Aircraft Strike Suppression Optical System (LASSOS) capture images of the laser beam, and then processing algorithms utilize the multiple perspectives from the images to calculate the coordinates for the site from which the beam originated. LASSOS interfaces with Google Earth to provide law enforcement with a map to the subject responsible for the laser strike.



## Newsletter Highlights

### RECENT NEWS

#### Symposium charts progress to zero-trust cybersecurity

The event united cyber experts in the Department of Defense, industry, and academia, and emphasized cultural shifts needed to reach a new cybersecurity norm.

[Read more!](#)

#### National FLC awards recognize two Lincoln Laboratory technology transfer efforts

[Read more!](#)

#### Learn More About Technologies Spun Out of MIT LL

[Read more!](#)

#### Did you know...



Lincoln Laboratory was established as a Federal Contract Research Center of MIT in 1951 with a focus on improving the nation’s air defense system through advanced electronics?



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