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Fraunhofer Dairy Quality Check Delivers Results in Minutes

analyzed a milk sample for a total of six substances. The sensor demonstrated its use as an early warning system within the supply chain, detecting the substances before the milk was pumped into the

In a test lasting around five minutes, a new optoplasmonic sensor

tanker.



Sensitive Than Gold







carbide (Ti3C2) to fabricate photodetectors with improved sensitivity for substantially less cost. The researchers replaced gold, typically used in the fabrication of photodetectors because of its high conductivity,

Researchers at Drexel University are using a 2D transition metal

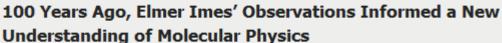
with a thin, transparent layer of MXene.

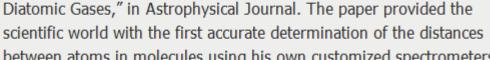












One hundred years ago this month, physicist Elmer Imes published his dissertation, "Measurements on the Near-Infrared Absorption of Some

between atoms in molecules using his own customized spectrometers and expanded the range of applicability of quantum theory.



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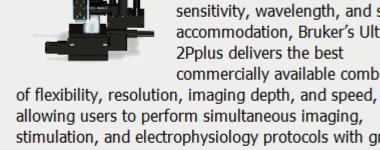


3 A B D





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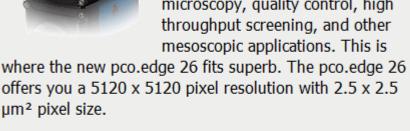


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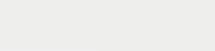
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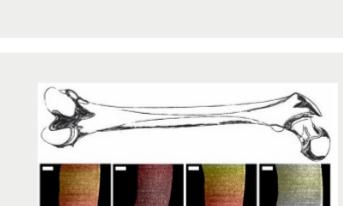
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mph, tracing shapes in the air colorized by the LEDs.

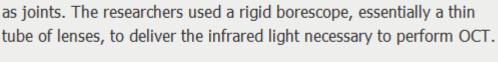


Inexpensive, Portable System Expands OCT's Reach Researchers from Duke University have developed a way to use optical coherence tomography (OCT) in hard-to-reach areas of the body such





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(ASCB) and European Molecular Biology Organization (EMBO) will focus on cell biology as the fundamental basis of biology, and will offer sessions on emerging topics such as nontraditional model

organisms and the use of computational modeling and biophysics to

December 7-11, 2019 - Washington The 2019 joint meeting of the American Society for Cell Biology

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"build the cell from the ground up." Bruce Stillman, president and CEO of Cold Spring Harbor Laboratory, will deliver the keynote address.

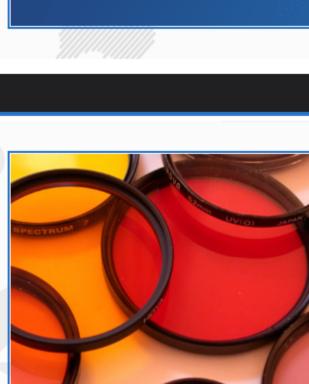
Industry Events

ASCB/EMBO Meeting 2019

Webinars Filters: The Key to Image Quality in Modern Vision Applications Wed, Dec 4, 2019 1:00 PM - 2:00 PM EST Optical filters are a simple, cost-effective way to enhance repeatability and to achieve the highest level of performance from your machine

vision system. Join technical trainer Georgy Das from Midwest Optical

More Info



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2019 meeting

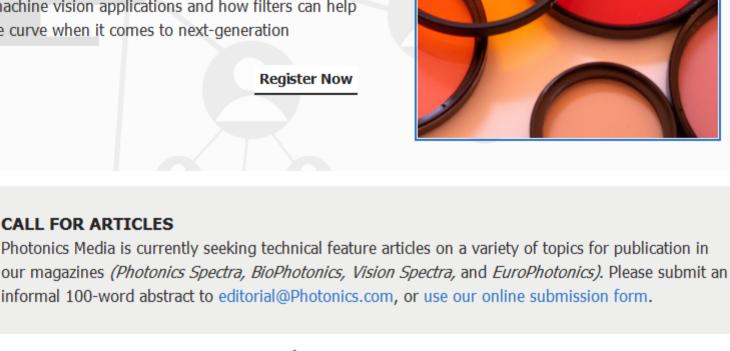
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to learn more about how optical filters can be used to solve even the toughest issues in machine vision applications and how filters can help

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