This Week In

PHOTONICS MEDIA









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2018 Prism Awards Winners Shine

of the best. Companies from around the world were among 30 finalists

for the awards that recognize the industry's top innovations and groundbreaking technology. This year's awards shone a spotlight on 10 winners during the annual ceremony on Wednesday evening, Jan. 31.

The 2018 Prism Awards for Photonics Innovation brings out the best





Reliance on Atomic Clocks





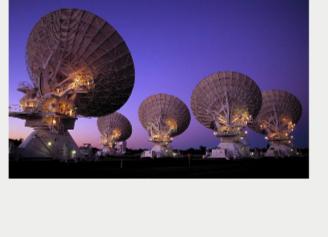
standard fiber optic telecommunications network and used to synchronize two radio telescopes. The new technology could allow scientists anywhere to access the frequency standard simply by tapping

into the telecommunications network, regardless of whether they have

Researchers have demonstrated that a stable radio-frequency (RF)

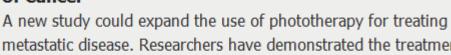
reference can be reliably transmitted more than 300 km over a

access to an atomic clock. Read Article Light-Triggered Nanoparticles Show Promise in Treatment of Cancer



metastatic disease. Researchers have demonstrated the treatment of

Read Article





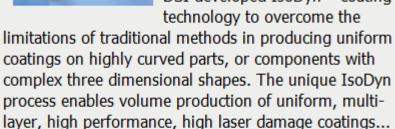






Shapes

Deposition Sciences Inc. (DSI) DSI developed IsoDyn™ coating technology to overcome the



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New

Collar

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The New Collar Workforce

U.S. manufacturing companies are

expected to face a shortage of two

result, manufacturers and educators

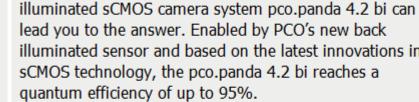
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IsoDyn™ - Coating Complex

million skilled workers by the year 2020, according to reports. As a

are looking for real, actionable ideas to train workers, reduce the shortfall and realize the potential of the new age of manufacturing. Visit Website Request Info sponsors

CONVENTION



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illuminated sensor and based on the latest innovations in

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challenging polymer optic components and assemblies for

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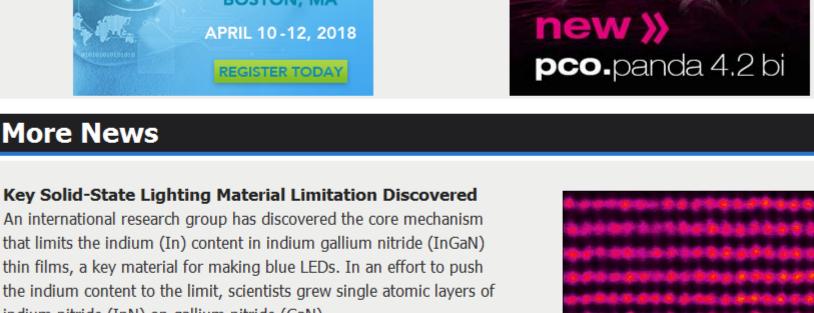
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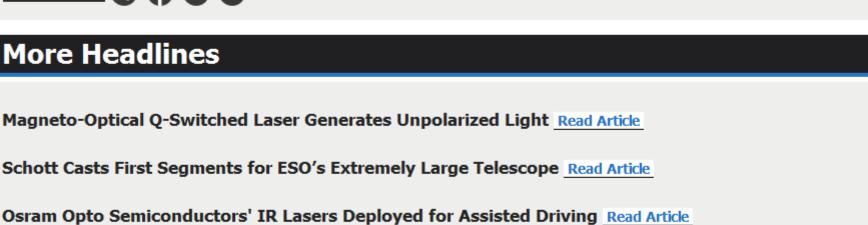
indium nitride (InN) on gallium nitride (GaN).

Heart Rate and Breathing

Read Article 3 A B D

A technology that estimates heart rate using a video camera and software could lead to new applications in the medical equipment and consumer markets. But first, the technology will be used to help new parents rest easier by remotely monitoring the heart and breathing rates of their sleeping babies. Read Article

Remote System Uses Video, Algorithms to Monitor Baby's



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