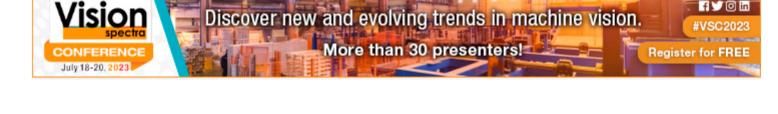


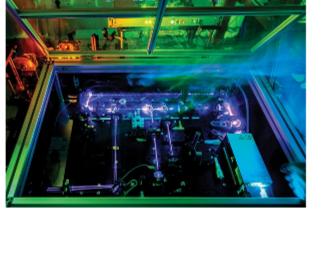
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and wavelength flexibility have caused fiber lasers to become an increasingly attractive option for manufacturers who are seeking to improve the throughput, quality, and efficiency of their production line. Read Article

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slow growth by China's standard. The bright side, however, was that the country's high-tech manufacturing industries grew at a much faster pace of 7.4% compared to the previous year. This latter trend strongly

to the rapid transformation and upgrade of its national economy.

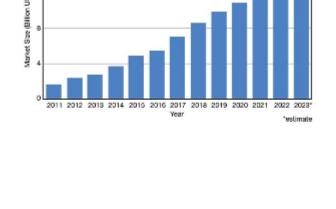
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supports the stable development of China's laser industry and has led

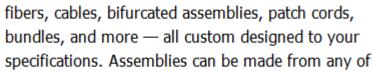
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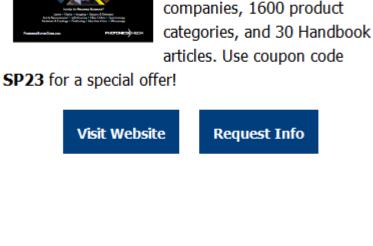
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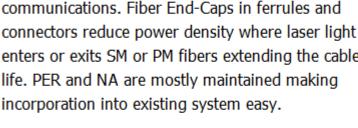
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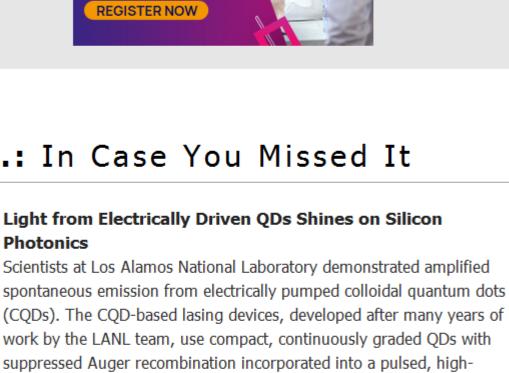
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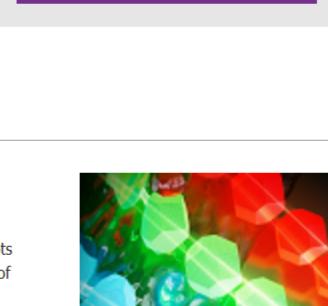
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even the most advanced OLED display light sources to waste about half of the light they emit. Seeking to ameliorate this issue, researchers at the Weizmann Institute of Science led by Binghai Yan discovered that, in contrast to traditional

Chiral Circularly Polarized Light Plays Its Hand to Brighten OLED Screens

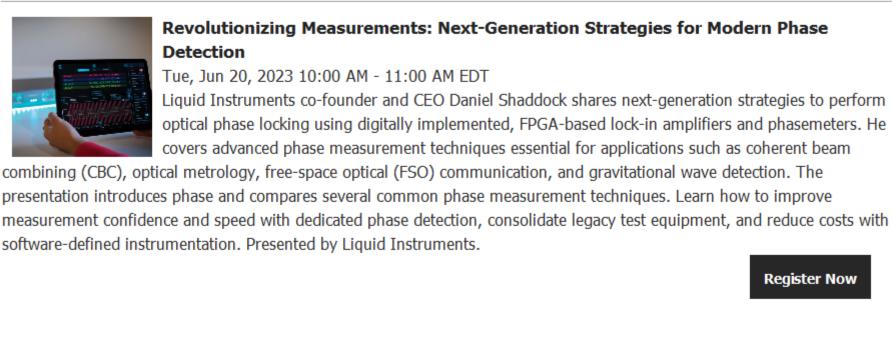
current-density charge-injection structure that is supplemented by a

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Physics principles dictate that light of only a single handedness is permitted to pass through an OLED display — causing

which the researchers said could boost the net polarization rate in OLEDs by orders of magnitude. Argonne's Advanced Photon Source Upgrade Underway Argonne National Laboratories' Advanced Photon Source has begun its long-scheduled comprehensive upgrade. The process will see the electron storage ring at the heart of the facility removed and replaced with a state-of-the-art storage ring that will grant the synchrotron a 500-fold boost in brightness.

scientific theory, reversing the current flow in OLEDs switches the handedness of the circularly polarized light that it emits. The researchers used a method that has shown its efficacy for the control of the chirality of light to make the discovery, Read Article Read Article



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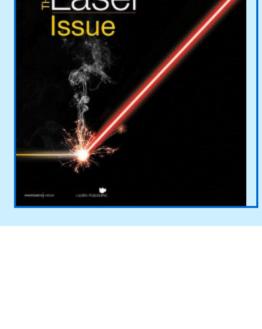
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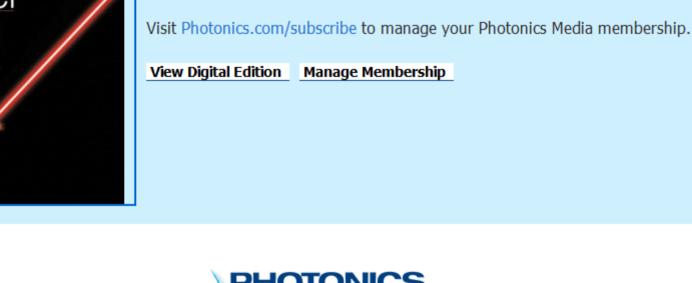
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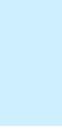


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