

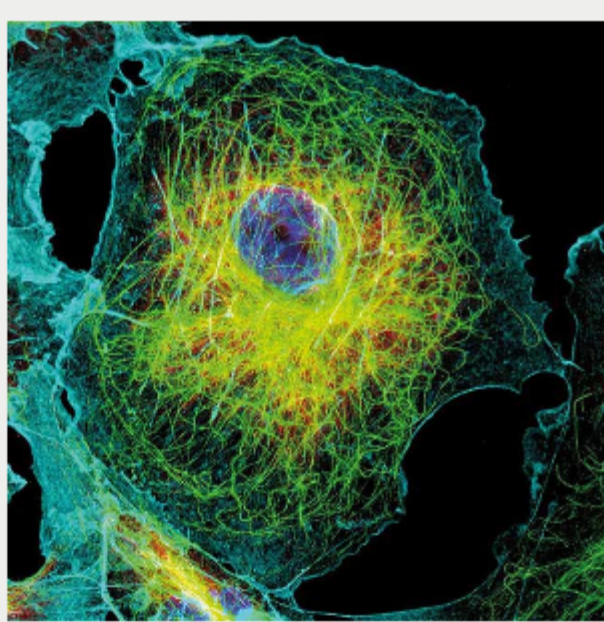
euro PHOTONICS



Quarterly newsletter from Photonics Media highlighting the latest photonics news, features and products from Europe.

The Decade of the Resolution Revolution

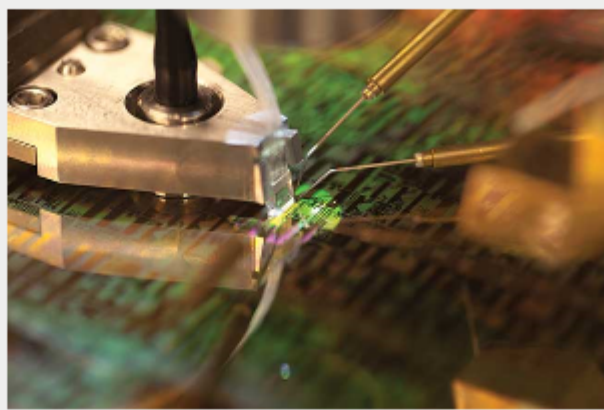
Superresolution optical microscopy has been one of the most momentous developments in the life sciences over the last decade – and its evolution is ongoing. Progress has been so rapid and significant that it has been dubbed by some observers as “the resolution revolution.”



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Light Is the Ultimate Medium for High-Speed Communications

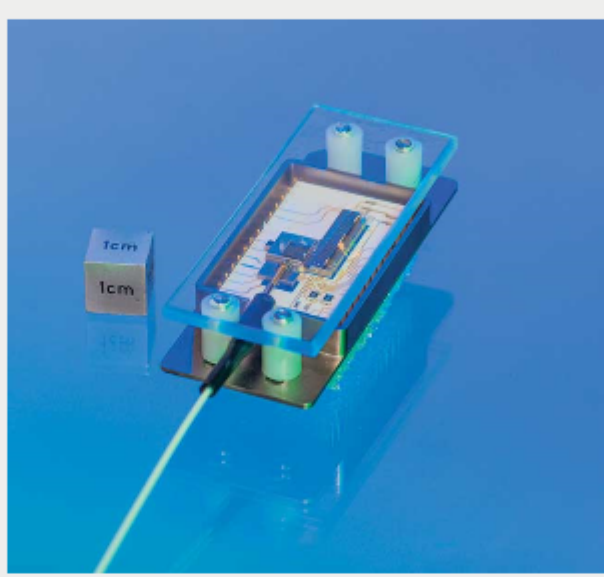
Silicon photonics is widely considered a key enabling technology for further development of optical interconnect solutions needed to address growing traffic on the internet. From the first submarine optical cable to the fiber-to-home deployment to the proliferation of data centers, light has served as the ultimate medium for high-speed optical communications for more than 20 years.



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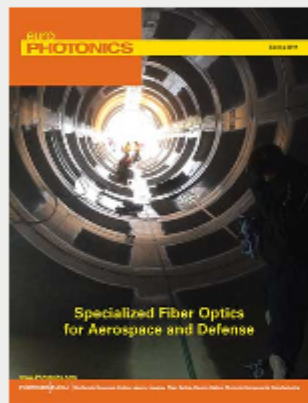
More Fiber Will Make Healthier Aerospace and Defense

Specialized aerospace and defense requirements present challenges for fiber optics, making it more difficult to use technology originally developed for civilian and commercial applications. However, the industry is now responding and finding solutions.



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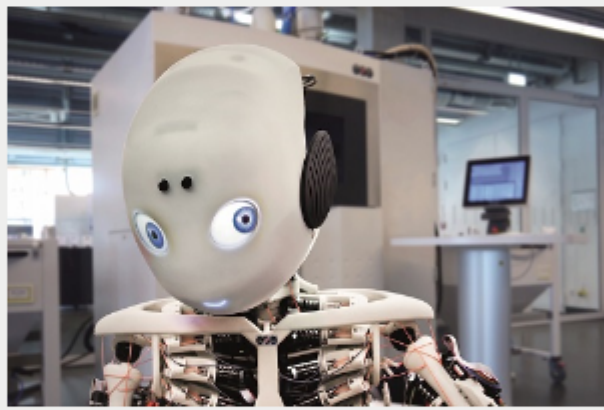
SENSOR+TEST
THE MEASUREMENT FAIR
Nürnberg, Germany
30.5. – 1.6.2017

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More News From Europe

EOS Aids in Humanoid Robot Development

Additive manufacturing technology developer Electro Optical Systems (EOS) GmbH has helped further the Roboy project, a European collaboration led by the Swiss Devanthro Society and the Technical University of Munich, to develop humanoid robots with a musculoskeletal system designed to mimic that of the human body.



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Overcoming Precision-Guided Munitions, Sensing Challenges

The large number of deployed lasers and precision-guided munitions has driven the need for better laser warning systems that can detect incoming threats.

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Packaged Silicon Photonics Transceiver Market Set to Expand

The packaged silicon photonics transceiver market is expected to reach \$6 billion by 2026, according to a new report from Yole Développement.

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Featured Products



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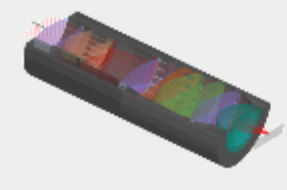


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Features

- Defense & Security Sensing
- 3D Imaging
- Lasers for Materials Processing
- EPIC Insights Column

Issue Bonus

- Lasers Directory

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