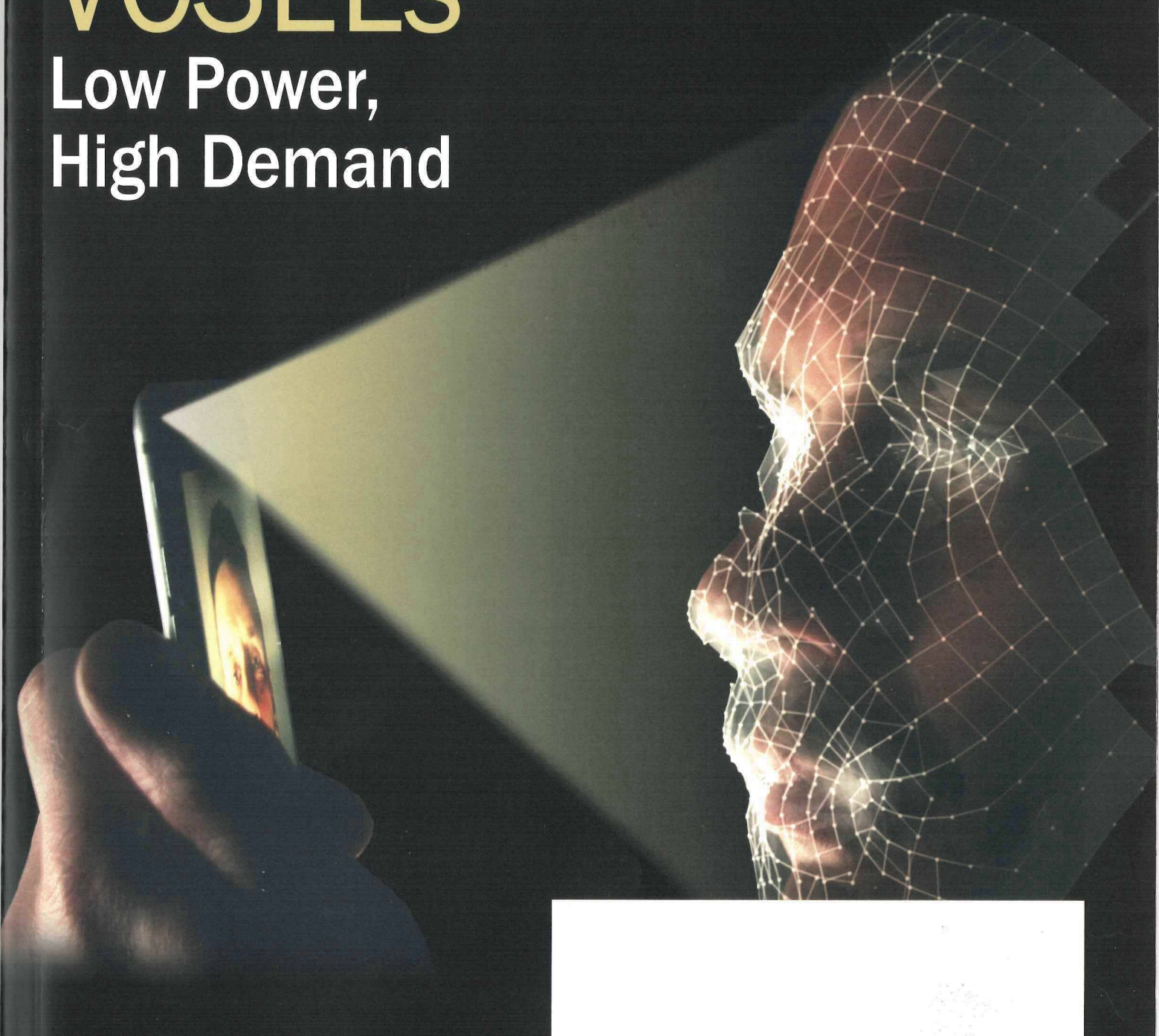


# PHOTONICS

## spectra

# VCSELS

## Low Power, High Demand



## British researchers awarded EPSRC funding for quantum laser project

Scientists at the University of Plymouth have been awarded funding to investigate quantum physics using lasers.

Funded largely through a grant from the Engineering and Physical Sciences Research Council (EPSRC), the study

aims to address model shortcomings for quantum effects and improve both theoretical and numerical models of intense laser-particle interactions.

To meet this experimental demand, Plymouth scientists will use their

expertise in quantum field theory to extend numerical models to include currently neglected quantum processes in a systematic way that can be immediately employed by researchers working on the simulation and analysis of experiments.

## Corning advanced optics unit receives Raytheon supplier awards

The advanced optics business unit of Corning Inc. has received two 2018 Supplier Excellence EPIC awards from Raytheon.

One of the awards recognizes Corning's Keene, N.H., manufacturing facility for contributions to Raytheon's Multi-Spectral Targeting System (MTS). The imaging systems are used by the U.S. Army and U.S. Navy for intelligence, surveillance, reconnaissance, and targeting purposes across a variety of rotary and fixed-wing aircraft.

In Keene, Corning applies its decades of expertise in advanced optics to develop

electro-optical/IR systems for the MTS. This is the second year in a row that the facility was recognized by Raytheon for supplier excellence.

The second award for 2018 was given to Corning's Canton, N.Y., manufacturing facility for contributions to Raytheon's Advanced Medium Range Air-to-Air Missile (AMRAAM). The Canton facility applies Corning's expertise in materials science and proprietary manufacturing processes to create nose cones made of an extremely durable glass ceramic material called Corning Pyroceram.

Both the Keene and Canton facilities

have been serving the optics, aerospace, and defense industries for more than 30 years. The two facilities are integral in implementing Corning's core technologies and helping extend its reach across several market-access platforms.

Raytheon grants EPIC awards to its highest-performing suppliers for overall excellence in performance, innovation, and collaboration for one or more business units.

## PEOPLE IN THE NEWS

**Philipp Schön** has become CEO of RAYLASE Laser Technology Co. Ltd., the subsidiary of RAYLASE GmbH in Shenzhen, China. This change in leadership marks the completion of



Philipp Schön

the final formal transfer of responsibility from original founder and CEO **Peter von Jan** to Schön. RAYLASE offers high-precision components, control cards, and software for the fast deflection and modulation of laser beams.

**John Peeler**, chairman and CEO of semiconductor process equipment manufacturer Veeco Instruments Inc., has transitioned to the role of executive chairman. **William J. Miller**, the former president, has become the CEO and a member of the company's board of directors, and **Shubham Maheshwari** has been named chief operating officer while continuing his role as chief financial officer. Peeler joined Veeco in 2007 as CEO and became chairman of the board in 2012. As executive chairman, he will work closely with Miller and the board to ensure an effective transition of management. Over the past 16 years, Miller has held a variety of roles within Veeco. He became president in 2016, over-

**LightMachinery**  
Excellence in Lasers and Optics

## Optimized for Brillouin

HyperFine Spectrometer with  
GreenKiller pump suppression



Visit our website for more details

[www.lightmachinery.com](http://www.lightmachinery.com)