

Statement of Ownership, Management, and Circulation

(Act of 12 August 1970; Section 3685, Title 39, USC)

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Editor: Richard Fitzgerald, American Institute of Physics, 1 Physics Ellipse, College Park, MD 20740-3842
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10. Owner (if owned by a corporation, give the name and address of the corporation immediately followed by the names and addresses of stockholders owning or holding 1 percent or more of the total amount of stock. If not owned by a corporation, give the names and addresses of the individual owners. If owned by a partnership or other unincorporated firm, give its name and address as well as that of each individual owner. If the publication is published by a nonprofit organization, give its name and address.): American Institute of Physics, 1 Physics Ellipse, College Park, MD 20740-3842
11. Known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities: None
12. The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes: Has not changed during the preceding 12 months
13. Publication title: PHYSICS TODAY
14. Issue date for circulation data below: August 2025
15. Extent and nature of circulation:
 - A. Total number of copies (net press run)
Average* 68 965 August** 69 711
 - B. Paid subscriptions
 - 1,2. Mailed subscriptions
Average* 46 579 August** 46 309
 - 3,4. Sales through dealers and carriers, street vendors, counter sales outside USPS; other classes mailed
Average* 8 667 August** 8 710
 - C. Total paid distribution (sum of B1–B4)
Average* 55 246 August** 55 019
 - D. Free or nominal rate distribution
 - 1,2. Free or nominal rate mail copies
Average* 10 271 August** 10 860
 - 3,4. Free or nominal rate copies mailed at other classes or other distribution
Average* 2 873 August** 3 252
 - E. Total free or nominal rate distribution (sum of D1–D4)
Average* 13 144 August** 14 112
 - F. Total distribution (sum of C and E)
Average* 68 390 August** 69 131
 - G. Copies not distributed (office use, leftovers and spoiled)
Average* 575 August** 580
 - H. Total (sum of F and G—should equal net press run shown in A)
Average* 68 965 August** 69 711
 - I. Percent paid (C/F × 100)
Average* 80.78% August** 75.59%
16. Electronic copy circulation: PHYSICS TODAY
 - A. Paid electronic copies
Average* 41 631 August** 43 744
 - B. Total paid print copies (line 15C) plus electronic copies (line 16A)
Average* 96 877 August** 98 763
 - C. Total print distribution (line 15F) plus electronic copies (line 16A)
Average* 110 021 August** 112 875
 - D. Percent paid (both print and electronic copies) (B/C × 100)
Average* 88.05% August** 87.50%

* Average number of copies of each issue during preceding 12 months.

** Actual number of copies of single issue published nearest to filing date.

I certify that the statements made by me above are correct and complete.

Richard Fitzgerald, Publisher

NEW PRODUCTS

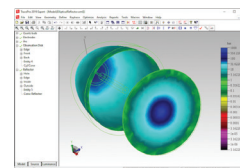
Focus on software, data acquisition, and instrumentation

The descriptions of the new products listed in this section are based on information supplied to us by the manufacturers. PHYSICS TODAY can assume no responsibility for their accuracy. For more information about a particular product, visit the website at the end of its description. Please send all new product submissions to ptpub@aip.org.

Andreas Mandelis

Optical and illumination design software

Lambda Research has released TracePro 2025.3, the latest version of its TracePro software that provides a versatile design, analysis, and simulation environment for illumination systems and nonimaging aspects of optical systems. In addition to updates and fixes that improve stability, accuracy, and workflow efficiency, the 2025.3 version introduces a powerful new capability: support for simulating metasurfaces using PlanOpSim ray-tracing files. Those files, generated by PlanOpSim's meta-component software, enable designers to model the behavior of surfaces with nanostructured patterns that can bend, focus, or manipulate light in ways that traditional optics cannot. In addition, the sequence editor has been enhanced with expanded functionality, including the ability to open a wider range of existing lens-design files. The improvements make it easier to bring optical designs into TracePro for sequential analysis and offer more flexibility for users working across different design platforms. **Lambda Research Corporation**, 515 Groton Rd, Westford, MA 01886, <https://lambdares.com>



Linear stages for precise and stable positioning

Physik Instrumente (PI) designed its L-511 high-precision linear stage series for demanding positioning tasks, such as optical alignment, laser cutting, and automated manufacturing processes. Suitable for scientific and industrial applications that require maximum motion precision, the L-511 series features repeatability down to 0.15 μm , travel ranges from 52 to 155 mm, a choice of motors that includes DC, gear, and stepper, and a wide range of configuration options. The stress-relieved aluminum base ensures high stability and prevents drift caused by mechanical loads. The backlash-free, recirculating ball-bearing guide with a 2 mm pitch provides for a high level of load capacity and run-out accuracy; the vertical and lateral run-out of up to $\pm 1.5 \mu\text{m}$ across the entire travel range satisfies the requirements of applications requiring a high level of run-out accuracy. Noncontact optical linear encoders provide direct position measurement with high resolution in the range of a few nanometers. **Physik Instrumente (PI) SE & Co KG**, Auf der Römerstr 1, 76228 Karlsruhe, Germany, www.physikinstrumente.com

Software for image and surface analysis

Digital Surf's Mountains 11 software expands on the previous version's capabilities for image and surface analysis in microscopy and metrology. MountainsSEM for 2D image analysis of scanning electron microscope images offers correction and enhancement features, particle analysis, semi-automatic multiple-object colorization, and correlative analysis—for example, with energy dispersive spectroscopy maps. MountainsSPIP Nanospectral Starter and Expert for the analysis of data at the nanoscale have been added to the software's existing scanning probe image processor (SPIP) tools. Those new products are dedicated to scanning probe microscopy instruments equipped for spectral analysis, such as nano-IR, tip-enhanced Raman spectroscopy, and scanning near-field optical microscopy. The software includes advanced tools for image processing, topography, correlative analysis, multichannel-image analysis, and full spectral and hyperspectral analysis. **Digital Surf**, 16 rue Lavoisier, 25000 Besançon, France, www.digitalsurf.com **PT**

