From the Editor

2013 Microscopy Today Innovation Awards

The editors congratulate the winners of the fourth annual Microscopy Today Innovation Awards competition. These awards were established to honor innovative microscopy-related products and methods that appeared in the previous year.

Our team of judges, led by Tom Kelly, looked for innovations that will make new scientific investigations possible. The ten winning innovations were selected on the basis of their importance and usefulness to the microscopy community. The entries most likely to win are those that provide better, faster, or entirely new methods of analysis using some type of microscope or microanalytical instrument.

The 2013 Microscopy Today Innovation Award winners are:

N. Tao of Arizona State University for Plasmonic-Based Electrochemical Microscopy
Delft University of Technology & DELMIC BV for Scanning Electron Combined Optical Microscopy
Hysitron, Inc. for the PI 87 SEM PicoIndenter, enabling in-situ nanomechanical measurements
Nanonics Imaging Ltd. for the 3TB4000 Triple Beam NSOM/AFM & SEM/FIB Microscope
Neaspec GmbH for Nano–FTIR, employing apertureless near-field microscopy
Phase Focus Ltd. & Gatan, Inc. for the Phase Focus Virtual Lens
Protochips, Inc. for the Poseidon 500, enabling hydrated electrical experiments in TEM
J. Miao of the University of California, Los Angeles, for Atomic Resolution Electron Tomography
A. Ozcan of the University of California, Los Angeles, for Lensfree On-Chip Microscopy
Carl Zeiss Microscopy LLC for the ORION NanoFab, integrating He, Ne, and Ga focused ion beams

Descriptions of the above innovations are given in an article within this issue. This article also lists the developers of these instruments and methods.

Details of the nomination process for the next competition will be posted on the Microscopy Today website (www.microscopy-today.com) by January 1, 2014. Nomination applications will be accepted through March 15, 2014.

Charles Lyman
Editor-in-Chief

Publication Objective: to provide information about interest to microscopists.

Microscopy Today is a controlled-circulation trade magazine owned by the Microscopy Society of America that is published six times a year in the odd months. Editorial coverage spans all microscopy techniques including light microscopy, scanning probe microscopy, electron microscopy, ion-beam techniques, and the wide range of microanalytical methods. Readers and authors come from both the life sciences and the physical sciences. The typical length of an article is about 2,000 words plus figures and tables; feature articles are longer. Interested authors should consult “Instructions for Contributors” on the Microscopy Today website: www.microscopy-today.com.

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