From the Editor

Sydney



Like a scientific world's fair every fourth year, the International Microscopy Congress highlights the best in new instruments, methods, and results. Under the auspices of the International Federation of Societies for Microscopy, the 19th International Microscopy Congress (IMC-19) will be held September 9–14, 2018, in Sydney, Australia. The venue will be the new International Convention Centre (ICC Sydney) at Darling Harbour, near Sydney's Harbour Bridge. Over 2,000 scientific attendees are expected to take part in the Congress and the interactive trade exhibition.

The theme of the Congress will be "Microscopy: Bridging the Sciences." The scientific program, led by world-renowned plenary speakers, will be a showcase of exciting developments in microscopy and a demonstration of the transformational role microscopy plays in underpinning many of the physical and life sciences.

Digital poster technology will debut at the Congress in 2018 offering delegates a host of new interactive features such as in-built animation and video streams. Delegates may access posters on their phone, tablet, or laptop anytime and anywhere during the Congress, plus communicate directly with fellow attendees.

International Microscopy Congresses are justly famous for their social events. At IMC-19 delegates will have opportunities to enjoy the fabulous food, wine, and hospitality for which Australia is renown. The new International Convention Centre is just a short walk from the downtown area and close to many of Sydney's attractions: the Aquarium, the Australian National Maritime Museum, the Powerhouse Museum, and of course the Sydney Opera House. Take this opportunity to extend your stay and enjoy a once-in-a-lifetime Australian experience.

Don't wait—put this extraordinary scientific event on your 2018 schedule. Download the Program at a Glance at www.imc19.com and submit an abstract before the deadline of February 1.

Charles Lyman Editor-in-Chief

Publication Objective: to provide information of 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.

ISSN 1551-9295

Disclaimer

The Microscopy Society of America and the editors cannot be held responsible for opinions, errors, or for any consequences arising from the use of information contained in *Microscopy Today*. The appearance of advertising in *Microscopy Today* does not constitute an endorsement or approval by the Microscopy Society of America of any claims or information found in the advertisements. By submitting a manuscript to *Microscopy Today*, the author warrants that the article is original or that the author has written permission to use copyrighted material published elsewhere. While the contents of this magazine are believed to be accurate at press time, neither the Microscopy Society of America, the editors, nor the authors can accept legal responsibility for errors or omissions.

© Copyright 2015 by the Microscopy Society of America. All rights reserved.



Editorial Staff

Charles E. Lyman, *Editor-in-Chief* charles.lyman@lehigh.edu (610) 758-4249

Gennifer Levey, Production Manager glevey@meridianartpro.com (212) 780-0315

Ron Anderson, Executive Editor randerson20@tampabay.rr.com

Phil Oshel, Technical Editor oshel1pe@cmich.edu

Robert Price, Associate Editor bob.price@uscmed.sc.edu

Stephen Carmichael, Columnist carmichael.stephen@mayo.edu Eric Clark, Pioneers Editor eclark@magnet.fsu.edu

Richard Edelmann, Education Editor edelmare@miamioh.edu

Deb Kelly, *Microscopy 101 Editor* debkelly@vt.edu

Thomas E. Phillips, Consulting Editor phillipst@missouri.edu

Paul Webster, Calendar Editor

p.webster@oak-crest.org John Shields, *Humor Editor*

jpshield@uga.edu

Nikolaus Cordes, Digital Content Editor ncordes@lanl.gov

Thomas Kelly, Chief Awards Judge Thomas.kelly@ametek.com

Advertising Sales

M.J. Mrvica Associates, Inc. 2 West Taunton Avenue, Berlin, NJ 08009 mjmrvica@mrvica.com (856) 768-9360

Kelly Miller, Account Manager kmiller@mrvica.com

Magazine website:

http://www.microscopy-today.com Free subscriptions are available

Publisher

Cambridge University Press One Liberty Plaza, 20th Floor New York, New York 10006 (212) 337-5000

Circulation: 18,000

Editorial Board

Arlan Benscoter, Lehigh University John Bozzola, Southern Illinois University Peter Crozier, Arizona State University Vinayak Dravid, Northwestern University David Grubb, Cornell University Bryan Huey, University of Connecticut Heather Lowers, U.S. Geological Survey John Mackenzie, North Carolina State Univ. Paul Maddox, U. of North Carolina-Chapel Hill Ania Majewska, U. Rochester Med School Joseph Michael, Sandia National Labs Caroline Miller, Indiana University Brian M. Patterson, Los Alamos National Lab John Reffner, John Jay College, SUNY Ian Robertson, University of Wisconsin Phillip Russell, Appalachian State University Glenn Shipley, Citizen Microscopist Robert Simmons, Georgia State University Bradley Thiel, SUNY Polytechnic Institute Paul Voyles, University of Wisconsin Simon Watkins, University of Pittsburgh Cynthia Zeissler, Nat. Inst. of Stds. and Tech. (NIST)