

Changing of the Guard

My name is John Mansfield, and I am the incoming editor-in-chief for the Microscopy Society of America's peer-reviewed journal, *Microscopy and Microanalysis*. Our outgoing editor-in-chief is Bob Price. Under his diligent administration for the past eight years, the journal has developed into a formidable yet popular publication containing about two dozen articles per issue. On behalf of the society, I would like to express our sincerest thanks to Bob for his dedication to the continued development of the journal.

The journal covers all types of microscopy and microanalysis and has grown considerably over the years without a corresponding increase in the number editors. Therefore, it is my pleasure to announce that several new associate editors have joined our team. On the physical sciences side, we welcome Joe Michael of Sandia National Laboratories, Masashi Watanabe of Lehigh University, and Yoosuf Picard of Carnegie Mellon University. In biosciences, Elizabeth Wright of Emory University and Jay Jerome of Vanderbilt University have joined us. Jay's previous position as special issues and reviews editor has been taken up by David Smith from Arizona State University. In the special applications areas, atom probe tomography is now handled by David Larson of Cameca Instruments and Ross Marceau of Deakin University in Geelong, Australia, and the new editor of scanned probe microscopies is Georg Fantner from the Ecole Polytechnic of Lausanne in Switzerland. These researchers have a broad range of experience, so manuscripts will receive a thorough expert review, regardless of the specific application topic.

With the addition of these new editors, our reputation for expeditious reviews of manuscripts will be strengthened. The journal will continue timely publication of the highest quality microscopy and microanalysis papers. If you have any questions or comments, or would like to become a reviewer for our journal, please do not hesitate to contact me. My email address is jfmjfm@umich.edu, and my "door" is always open!

John Mansfield
Editor-in-Chief



Dear Abbe

Dear Abbe,

I've been reading all these reports of experiments with entangled photons and quantum particles. Now I'm wondering what would happen if an entangled pair of photons (or electrons) was sent on a path where they would then collide with each other, and how this can be used for microscopy. Have you any ideas on this?

Cogitating in Konstanz

Dear Cogitater,

Mein Gott! The things people report on these days! Have you never heard the old Walter Scott quote "Oh what an entangled web we weave..."? I agree Sir Scott was a bit odd, but he did have a point! Entanglements of any kind are best avoided. I remember just last month trying to become un-entangled from a contractual agreement once it became apparent I could no longer perform peculiar pole dance routines with inappropriate attire. However, since I have a poor history of avoiding things, I have already considered this predicament and its application to microscopy. Let us consider entangled photons. Delay the travel of one of these photons by $1/2$ wavelength, then bring them together in 2-photon, interference microscopy. Wunderbar! Think of the astonishingly confused things that will happen! Since I've already applied for the patents, I'll say no more and quietly go cogitate on the money to be made ... if I can find the rest of the Schapps.

If entanglements have you tied in a knot, fear not. Herr Abbe will help you use your knot for something noteworthy. Contact his faithful assistant at jpshield@uga.edu.

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